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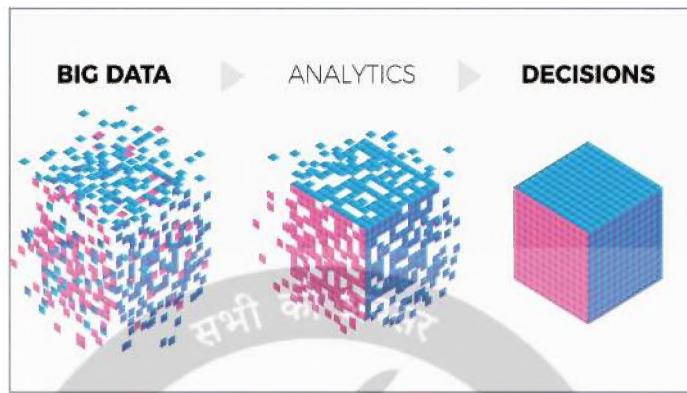
EMERGING OPPORTUNITIES IN BIG DATA ANALYTICS

Arti S

In the world before us, changes are occurring in all spheres and the world of careers is not untouched by these changes. Many jobs of the past have lost their relevance and a number of new job and career opportunities have come up. Many subjects have grown in their dimension providing more opportunities to researchers and job seekers in those subjects. Data science is one of such subjects.

Statistics is a subject that deals with numbers and data. Data science is also now an independent subject. But Big Data Analytics, though a combination of Statistics and Data Science, is much more than these two. The emergence of big data analytics has created many new opportunities for businesses, organizations and job seekers that we will see in this article.

As the information age is moving ahead we are finding ourselves in an increasingly data rich and data oriented world. Data can be defined as a set of characters collected and used for specific purposes. These characters may be in the form of numbers, words, audio or video,



observations or descriptions. To make sense of data, it needs to have some context. For example random numbers 42, 45 and 51 have no meaning, but if we say that these are averages ages of employees in three different departments in an organization, it will be termed data. Many conclusions can be drawn with such data.

Data is being generated since ages but never had we seen such huge amount of data as we see today. Almost everything a big company does today is dictated by

data and analytics in one way or the other. Organizations are now using sophisticated analytics tools and techniques to identify new growth areas, reduce costs, increase profits, make better decisions and devise more effective budgets. Data analytics has made its entry in every industry be it healthcare, consumer goods, entertainment or any other.

What Big Data means?

For a long time, companies used limited and highly structured data, generated mostly internally. Examples include

transaction and customer related data. Now companies access outside data as well which may comprise of data of other companies, markets and social media etc. This data is used for company's own advantage. Organized or unorganized, put together, it becomes a huge dataset of dynamic nature. This world of data is called big data. So big data is massive data being created at high velocity. Big data is characterized by three 'Vs'-Variety, Volume and Velocity.

What is analytics?

Analysis is a familiar term for us and we know its meaning. Analytics is the science of analysis with tools developed for the purpose and is done with specified objectives. Thomas Davenport in his famous book 'Competing on Analytics' has defined bigdata analytics as "The extensive use of data, statistical and quantitative analysis, exploratory and predictive models and fact-based, management to drive decisions and actions".

When analytics is applied on big data, it is termed as Big Data Analytics. Such analytics can be divided into the following-

Continued on page 15

CIVIL SERVICES INTERVIEW : PROBABLE QUESTIONS AND HOW TO TACKLE THEM

Part-III

S B Singh

Any interview, more so an Civil Services interview, is mainly about questions being raised by board members and answers being offered by the candidates. Thus, anticipating questions and formulating their answers is an important part of the interview preparation. After acquainting oneself with the purpose and technique of the interview, one must turn one's attention on creating a pool of probable questions on a variety of topics and formulate their answers, explanations that sound logical and acceptable to the interview board. This exercise will minimise the surprise element during the interview session in that most of the questions will appear to have been asked on expected topics.

Area wise analysis of questions

I. Educational background: In this section, questions will pertain to the name of school, college, subjects studied there and performance in terms of marks or grades obtained. You must know what is the significance of the name of your



school/college, when and by whom it was established, any alumni you can recall from the institution you have studied in etc. Say for example, if you have studied in a school called 'Navodaya Vidyalaya' you should know the objectives of such schools, your personal experience about it, values inculcated by you from your association with the school.

II. Parental background: In some cases, they will also take interest in your parents occupation by asking you as to what you have learnt from their

professional experience, and if your parents are role models for you.

III. Work experience: If you have worked in private sector or under government, they will definitely ask you couple of questions related to your job description. You are expected to know what your organisation is all about, details of tasks performed by you, why you want to leave that job and want to join civil services, how your job experience can help you in your career in civil services.

IV. State to which you belong: A wide

range of questions will be raised on your state. Its cultural, historical importance, law and order situation, governance, performance on various economic indicators, state of agriculture, industrialisation, resources available and solutions to various problems of your state, will constitute areas on which questions will be asked.

V. Hobbies, extra curricular activities:

On your hobbies, questions are meant to assess your genuine interest in what you pursue as your hobby. If reading is your hobby, whether you read fiction or non fiction, who is your favourite author, which books you have read recently, are going to be likely questions. Similarly, if watching documentaries or photography is your hobby, they will delve deep in the subject to find out your level of commitment and interest in the stated hobby. Say for example, you have mentioned watching wildlife documentaries as your hobby, you will be asked to name a few famous Indian and foreign documentary makers, whether you have watched their documentaries or not. If you are not able to recall any famous wild life documentary maker's name, then it is going to leave a poor

Continued on page 2

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CIVIL SERVICES INTERVIEW : PROBABLE QUESTIONS AND HOW TO ...

impression before the board. Similarly, if you have mentioned yoga or meditation as your hobby, expect both theoretical and practical questions on these hobbies. For example, what is the underlying philosophy of yoga, who was its main proponent, what books you have read on yoga, who are leading yoga experts, will be areas of interest for the board members to ask questions. This way, you should frame likely questions on your different hobbies and fortify your knowledge on them.

VI. Why you want to join Civil Services: During the interview session, the common refrain is - "Why you want to join civil services." Almost every candidate is asked this question by one or another member of the board. Though this question is common, it does not mean answer to it should be common too. Rather than sounding

idealistic, you should offer a realistic answer to this question. Answers like - I want to serve the nation, or I want to serve the society, or, It offers a diverse, challenging career, looks like an old, repetitive cliche used by every candidate. A more realistic answer to this may be: "I want to join civil services for a number of reasons. First, it offers job security. Second, it offers some of the most coveted jobs under the government. Third, I will derive higher job satisfaction in civil services because of its diverse nature. Four, I consider civil services not just a job but a service with a deep public interface. Finally, it will provide me an opportunity to be a part of the governance system of the country which will allow me to contribute meaningfully to public service. If you phrase your answer like this, you are likely to

sound more realistic about the civil services.

Another related question here can be: how your knowledge of your discipline of study (engineering, medicine, agriculture, botany etc), can be used in administration. To this, you should say that such domain knowledge will help you understand the issues better and will be handy to make better policies and decisions. You can substantiate this answer with some examples. For example, If you are from medical background, you can say that it will help you formulate more practical health policies with your first hand knowledge of medical issues. Like this, find relevance of your educational discipline in civil services before you face the interview board.

Similarly, there will be some questions whose answers you may not know. There may be two

ways to tackle them. First, if you don't know anything about the question, just politely accept it and say you don't know the answer. Second, if you have some vague idea about the question, ask the board if you can try to attempt it with some guess. If allowed, make an intelligent guess and answer it.

VII. Situation based questions:

Not always, but in many cases, one of the board members may raise situation based questions. This can be either on a real situation that has appeared in news, or a hypothetical one. In both types of situations, real or hypothetical, your answer must weigh in all factors and then provide a solution that sounds implementable on ground, beneficial to the country or citizens and innovative in thinking. For example, consider this situation: A private company was asked to close down its plant because its product manufacturing process was posing dangers to environment and people's health. However, the company has facilities to produce oxygen in large quantity which can help overcome oxygen crisis in the country in the wake of corona resurgence. The company has made a request to you to permit it to reopen the plant so that it can produce and supply much needed oxygen. Will you allow it to be reopened if you are the authority to decide it. Now, your answer should be based on putting priority on protecting human life by accelerating oxygen production from all possible sources. Since the company has approached you for permission, you will consider it on most urgent basis. But at the same time, you will also consider the fact that the company was closed due to environmental hazards, and therefore, it should not be allowed to operate permanently in the garb of producing oxygen. Your concern for environment will remain and you will grant it only temporary and conditional permission to produce oxygen only and not its mainline product it was manufacturing before its closure. By this, the objective of meeting oxygen requirement will be met without compromising on the environmental risks the company can pose again.

IX. Questions on social issues: There are a host of issues that relate to our society, for example, nutritional issues in children, women and the poor, inequality in online education, issues of mental health of citizens during the pandemic, rising domestic violence during lockdown and so on. You must embrace these topics with compassion and offer solutions from both your heart and mind.

X. Controversial questions:

There are many sensitive issues on which taking the right stand may look difficult to a candidate without guidance. My suggestion here would be not to take an extreme stand on them. You may present both sides of the argument, assess their respective merits and present a middle ground. You should not take a stand that sounds anti-government. But you are free to point out to failures of the government and suggest better policy measures. Some criticism is always welcome.

You can reasonably hope to get many questions on expected lines with prior preparation so that you are not taken by surprise during your interview.

(The author is an academician and interview mentor, e-mail: sb_singh2003@yahoo.com)
Views expressed are personal
Image Courtesy : Google

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For more information, please email us on pdjucir@gmail.com

You may also contact us on Phone No: 011-24367453, (Monday to Friday from 9.30 am to 6 pm on all working days)

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Important Notice

The Ministries/Government Departments/PSUs etc. are requested to provide Name and Designation of the contact person, Office Landline Number and Mobile Number, E-mail IDs and official website address of the organisation, along with their request for publication in Employment News of their advertisement for better coordination and authentication. In absence of these details it may not be possible for the Employment News to carry the advertisement.

As regards international



INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH
(Deemed to be University)
Gen. A.K. Vaidya Marg, Filmcity Road, Santosh Nagar,
Goregaon(E), Mumbai - 400 065

Advt No. IGIDR/NA/2021/05

Date: 20.04.2021

RECRUITMENT ADVERTISEMENT

IGIDR invites applications from the Indian Nationals for filling up the vacant position of **Office Assistant (Estate Department)** as follows:-

Sr. No.	Post Details	Qualification and Experience
1	Job Title : Office Assistant (Estate Department) No of Positions :- 01 Pay Details : Consolidated Emoluments: ₹35,000/- p.m. approx. (inclusive of all) Age Limit : Maximum 30 years. Appt. Type: Contract	Essential Qualification : a. Bachelor's degree or its equivalent with first class from a recognized university/Institute. b. Typing speed of 30 words per minute in English c. Strong oral and written communications in English d. Have good knowledge of MS Word, MS Excel, MS Power Point and other related software. Experience :- Two years of experience in academic or non-academic organization with knowledge of computer operation and general & estate office procedures.

The candidates may visit Institute website: <http://www.igidr.ac.in/careers/> for general terms and conditions and downloading the application form. Candidates who have appeared for the interview in response to our earlier advertisement need not apply again. Last date: 21st May'2021

Registrar

EN 6/8

Office of the Comptroller and Auditor General of India

9, Deen Dayal Upadhyaya Marg, New Delhi- 110124
Notice for the candidates selected for the post of Assistant Audit Officer, Divisional Accountant and Auditor through Combined Graduate Level Examination (CGLE)- 2018.

It is hereby informed that allocation of States/Offices to the candidates nominated for appointment to the post of **Assistant Audit Officer, Divisional Accountant and Auditor in Indian Audit & Accounts Department** (under the Comptroller & Auditor General of India), through Combined Graduate Level Examination-2018, will be made on the basis of merit-cum-State preferences of the candidates. The detailed information in this regard is available on the website (www.cag.gov.in) of the Comptroller & Auditor General of India. The selected candidates are advised to visit website and use the URL <http://cag.delhi.nic.in/statechoice> for filling up the details of their personal information, State preference & Attestation form. The URL will be open from 26th April, 2021 and the last date of submission of online details is 17 May, 2021."

davp 51101/11/0003/2122

EN 6/11



Shri Vishwakarma Skill University

(State University enacted under the Government of Haryana Act 25, 2016)

Advt. No. SVSU/2021/Estd./ T/005

Date: 23/04/2021

Vacancy Notice for Dean and Dy. Librarian

The University invites offline applications on the prescribed application form, available on the University website i.e. www.svsu.ac.in from the eligible candidates for appointment to the post of **Dean on Deputation/ Contract & Deputy Librarian on regular basis**. The last date for receiving duly filled applications, along with enclosures is **21st May, 2021 (05:00 PM)**.

For detailed terms & conditions along with prescribed qualifications, eligibility criteria and selection criteria, visit the University website www.svsu.ac.in

EN 6/6

Registrar

SHRI LAL BAHADUR SHASTRI NATIONAL SANSKRIT UNIVERSITY
(Central University)

B-4, Qutub Institutional Area, New Delhi-110016
Tel: 011-46060500/635/687 Telefax: 011-46060550 Website: www.slbsrv.ac.in

S.No.: F.3/Education/Entrance Test/2021-22/

Dated: 19.04.2021

ADMISSION NOTICE-2021-22

As per the norms of NCTE/UGC for admission in Shiksha Shastri (B.Ed) / Shiksha Acharya (M.Ed) & Vidyavardhi (Ph.D) courses Entrance test Will be conducted on 01/08/2021 in different parts of India by Shri Lal Bahadur Shastri National Sanskrit University, New Delhi. For appearing in Entrance Test, only online applications are invited from 08.05.2021 to 20.06.2021. **Eligibility Criteria for Entrance Test is as under:-**

SSET (B.Ed) Eligibility	SAET (M.Ed) Eligibility	VVET (Ph.D) Eligibility
1. Atleast 50% marks or equivalent grade in Shastri/B.A. (Sanskrit)/ Acharya / M . A . (Sanskrit).	1. Atleast 50% marks or equivalent grade in Shiksha Shastri/B.Ed. (with Sanskrit Teaching Subject), and Shastri /B.A.	1. (A) At least 55% marks or equivalent grade in Acharya / M.A. (Sanskrit). (B) At least 55% marks or equivalent grade in Acharya / M.A. (Sanskrit) and at least 55% marks or equivalent grade in Shiksha Acharya/ M.Ed. (For Ph.D. in Education).
2. Those who are appearing for qualifying examination can also apply.	2. Those who are appearing for qualifying examination can also apply.	2. Those who are appearing for qualifying examination can also apply.
3. Minimum age-20 years as on 01-10-2021	3. Minimum age-22 years as on 01-10-2021	3. Entrance Test is compulsory for those candidates who have cleared UGC/NET/SLET in Education/Sanskrit/ Sanskrit Traditional, M.Phil/ Vishishatacharya in Education/ Sanskrit. Only those candidates who have cleared JRF are exempted from appearing in VVET, but they must fill online application with required Fee.

Note: Relaxation of 5% marks to SC/ST/OBC/other disable candidates. For Economically Weaker Section (EWS), Kashmiri migrants reservation policy of Govt. of India will be followed.

Entrance Test Guidelines 2021 is available on University website. For more details kindly visit University website: www.slbsrv.ac.in.

REGISTRAR

EN 6/1

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ACHARYA NARENDRA DEV COLLEGE
(University of Delhi)
Govindpuri, Kalkaji, New Delhi-110019
NAAC Accreditation: 'A' Grade

Advt. No. ANDC/Teaching/2021/01 Dated: 08.05.2021

Online applications are invited in the prescribed Application Form available at online link <https://colrec.du.ac.in/> from the eligible candidates for appointment to the post of **Assistant Professor** on permanent basis in the following departments of the college at Academic Pay Level 10 of the 7th Central Pay Commission Pay Matrix with entry pay level of Rs. 57,700/- plus other allowances as per UGC/University of Delhi norms. The last date for receipt of online application is four weeks from the date of publication of the advertisement in the Employment Newspaper or on the college website whichever is later.

S. No.	Department	Assistant Professor						
		UR	SC	ST	OBC	EWS	PwBD*	Total
1.	Biomedical Science	01	01	-	02	-	-	04
2.	Botany	03	-	-	01	01	-	05
3.	Chemistry	01	-	01	-	-	-	02
4.	Commerce	01	02	-	01	-	01 (VI)	05
5.	Computer Science	-	-	-	03	01	01 (VI)	05
6.	Electronics	01	-	-	-	-	-	01
7.	Mathematics	01	01	01	01	-	01 (LD)	05
8.	Physics	-	02	01	04	02	-	09
9.	Zoology	02	01	-	02	-	-	05
Total		10	07	03	14	04	03	41

Note:- UR=Unreserved, SC=Scheduled Caste, ST=Schedule Tribe, OBC=Other Backward Classes, PwBD=Persons with Benchmark Disability, EWS=Economical Weaker Section, VI=Visually Impaired including blindness and low vision, LD=Locomotor Disability including cerebral palsy leprosy cured, dwarfism, acid attack victims and muscular dystrophy.

The qualifications & age for the above posts are in accordance with the UGC Regulations 2018 and their subsequent amendments as adopted by the University of Delhi. For details please visit the College Website <http://andcollege.du.ac.in>.

Any addendum/ corrigendum shall be posted only on the College website.

EN 6/21

Military Engineer Services

Headquarters Chief Engineer
Pune Zone, Dakshin Kaman Marg, Pune-411001

Amended Advertisement

(Earlier published on 27 Feb 2021)

1. Applications are invited in the prescribed format for permanent appointment to the posts of **Draughtsman (D'Man) & Supervisor Barrack & Store (Supvr B/S)** in the MES Department under the aegis of Ministry of Defence (GoI), for all India placements.

2. The total Nos. of vacancies of D'Man and Supvr B/S to be read as under:-

S. No.	Name of Posts	No. of vacancies	Qualification
(a)	D'Man	114	As per detailed Advertisement
(b)	Supvr B/S	458	As per detailed Advertisement

3. Last date for submission of online application has been extended upto 17 May 2021 (Time 23.59 Hrs)

4. For distribution of vacancies with reservation and other details please visit MES website i.e. www.mes.gov.in. Detailed Advt has already been published in Employment News wef 27 Mar, 2021.

EN 6/31



RECRUITMENT OF SECURITY OFFICER (Advt. No. REC 01/2021)

CSIR-CFTRI invites online application from Indian citizens for filling up One post of Security Officer in Level-7 of pay matrix. Interested candidates may please visit CFTRI official website <https://www.cftri.res.in> under Recruitments. All further announcements / details pertaining to this process / updates / corrigendum / addendum etc., will be provided only on CFTRI website from time to time.

Commencement Date: 03.05.2021, 10:00 AM

Closing Date: 03.06.2021, 05:00 PM

EN 6/27

Controller of Administration



NATIONAL POWER TRAINING INSTITUTE
Power Systems Training Institute
(An ISO 9000:2000 & ISO 14001 Organization)
Ministry of Power, Govt. of India
BANGALORE-560 070
Announces XXXI Batch of



26 WEEKS POST GRADUATE DIPLOMA COURSE IN TRANSMISSION & DISTRIBUTION SYSTEMS

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This is a job oriented Graduate Engineer Program for those who desire to make a career in the power sector. On successfully undergoing this course the Graduate Engineers will find immense opportunities of employment in Indian Power Sector.

ABOUT THE COURSE

The course content complies with the syllabus for Engineers and Supervisors for Operation & Maintenance of Transmission & Distribution Systems as per Safety and Electric Supply Regulations 7(3) of Govt. of India.

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IMPORTANT DATES (Revised)

Issue of Prospectus	26 th April, 2021
Last Date for receipt of application forms in all respects	25 th June, 2021
Display of merit list in website	25 th June, 2021 by 5:00PM
Counselling & Admission	29 th , 30th, June, 2021
Commencement of the Course	05 th July, 2021

IMPORTANT POINTS

- ✓ **ELIGIBILITY:** Bachelor of Engineering or equivalent in "Electrical" or "Electrical & Electronics" or "Power Engineering".
- ✓ **AGE LIMIT:** No age limit.
- ✓ **SELECTION CRITERIA FOR ADMISSION:** Percentage of marks obtained in the B.E. or equivalent examination as per University norms.
- ✓ **NO. OF SEATS:** 60 (Sixty only). 25% seats are reserved for sponsored category. Reservation for SC, ST, OBC & PH will be as per Govt. norms in the non-sponsored category.
- ✓ **FEES:**
 - Course Fee: Rs. 1,45,000 (No GST to be imposed).
 - Hostel room charges for residential candidates(2-Seater): Rs.27,000/-
 - canteen charges will be as per actual.

Course Fee can be paid in two instalments.

- ✓ **SPONSORED CANDIDATES:** The candidates sponsored by the companies, if fulfilling eligibility requirement, will be admitted directly
- ✓ **HOW TO APPLY**

Download the Application form from our website and send it as directed in the application along with a crossed DD of Rs 500/- in favour of "PSTI, Bangalore"

ADDRESS FOR CORRESPONDENCE

Head of Institute
National Power Training Institute-PSTI,
Subramanyapura Road, Banashankari-II Stage,
Near Yarrab Nagar Bus stop, Bangalore-560 070
Fax: 080-26713758
Tel. 080-26713758, 26934351/52
Email : nptipsti.training@gmail.com /
piyali.npti@gov.in
Website : www.nptibangalore.in

FIVE DECADES OF SERVICE TO THE POWER SECTOR

EN 6/10



सीएसआईआर-खनिज एवं पदार्थ प्रौद्योगिकी
संस्थान, भुवनेश्वर

CSIR-Institute of Minerals and Materials Technology, Bhubaneswar

Advt. No. 02/2021 (Pointer) dated 26.04.2021

Applications are invited from bonafide Indian nationals for filling up of the following positions:-

Name of Post	No. of Post with Reservation	Pay Level/Pay Scale	Upper Age Limit not exceeding (as on the last date)
Jr. Secretariat Assistant (G)	7* [UR-04, SC-01, ST-01, EWS-01]	2 [Rs. 19900-63200]	28 years
Jr. Secretariat Assistant (F&A)	UR-02	2 [Rs. 19900-63200]	28 years
Jr. Secretariat Assistant (S&P)	03 [UR-02, ST-01]	2 [Rs. 19900-63200]	28 years
Jr. Stenographer	UR-02	4 [Rs. 25500-81100]	27 years

N.B.: The vacancies may likely to increase or decrease at the time of selection.

EQ: 10+2/XII or its equivalent and proficiency in computer typing speed (English- 35 w.p.m.) and in using computer as per the prescribed norms fixed by DoPT from time to time.

For further details regarding essential qualification, age limit, job requirement, terms and conditions and instructions, candidates must refer to the detailed advertisement which will be available on the Institute website shortly. The online application will remain active on CSIR-IMMT Website from **20.05.2021 to 21.06.2021 till 5:00 P.M.** Interested candidates may visit <http://www.immt.res.in> and apply through online well in advance to avoid last minute rush and submit the hardcopy within the stipulated period.

EN 6/18

Administrative Officer



WESTERN COALFIELDS LIMITED

(A Govt. of India Undertaking)
(A MINIRATNA COMPANY)Notification for Engagement of Doctors on
Temporary Contract Basis

Notification No: WCL/2021/EE/1418

Western Coalfields Limited (WCL) - a Schedule 'B', 'MINIRATNA', a subsidiary of Coal India Limited, a Schedule 'A', 'MAHARATNA', Public Sector Undertaking under Ministry of Coal, Government of India, invites applications from eligible candidates for filling up 33 posts of **GDMOs/Medical Specialists in WCL, on temporary contract basis**. For detailed information on eligibility criteria, no. of posts, age, process of applying etc., please refer to the detailed notification at www.westerncoal.in under Recruitment Tab.

Important dates:

- i. Opening date for submission of application: 01-05-2021
- ii. Closing date for submission of application: 15-05-2021

Any amendment/modification relating to this notification will be notified in WCL's website only. Legal jurisdiction will be at Nagpur only. For any queries, please contact us at **0712-2512352** or **hrrecruitment.wcl@coalindia.in** on all working days from 10:00 AM to 05:00 PM.

General Manager (Personnel)/EE

EN 6/24

National Institute of
Social Defence

(An Autonomous Body under the
Ministry of Social Justice &
Empowerment)
Government of India
Plot No.G-2, Dwarka, Sector-10
New Delhi-110075

ADMISSION NOTICE
(One Year Post Graduation Diploma in
Integrated Geriatric Care)

Applications are invited for the admission of One Year PG Diploma in Integrated Geriatric Care at New Delhi, is being jointly offered by National Institute of Social Defence (NISD) and Tata Institute of Social Science (TISS), at Delhi and Mumbai during 2020-21.

Eligibility Criterion:

a) Educational Qualification :

Essential: Bachelor's Degree in Social Sciences (Sociology, Social Work/Social Welfare, Anthropology, Psychology) Nursing, Home Science and related fields or equivalent from a recognized University or Institute.

Desirable: Preference will be given to the candidates having certificates/ experience(s)/training of working in Age Care Organizations.

b) Age Limit: Minimum 21-45 years (in completed years as on date of advertisement), those above the age of 45 years are invited to audit courses of their choice on a nominal payment per course. A maximum of three courses can be audited. An audit certificate will be issued.

c) No. of seats & Selection Criterion: There are 30 seats and selection will be made on the basis of percentage of marks obtained in Bachelor's degree and interview.

Application form and Prospectus is available on NISD website: www.nisd.gov.in and can also be collected personally from Senior Citizen Division, NISD from **10:00 a.m to 5:00 p.m.** on all working days. The last date for submission of the filled in application form will be **within 15th May, 2021**. The programme will commence from June 2021.

For more details may visit the website: www.nisd.gov.in or Office: National Institute of Social Defence, Plot No. G-2, Dwarka, Sector-10, New Delhi-110075; Ph: 011 20893995/011 20893989.

Director, NISD

davp 38110/11/0001/2122

EN 6/13



National Institute of Electronics & Information Technology, Aurangabad

CEDTI Complex, Dr. B.A.M. University campus Aurangabad, Maharashtra-431004

Phone 0240 2982021,2982022

Ministry of Electronics and
Information Technology
Government of India

Skill Development of Youths in Area of IECT

NIELIT Aurangabad invites application for skill development of youths in area of IECT leading to enhancement in Employability for the following short term online certificate courses:-

Sr. No.	Course Name	Eligibility	Duration	Fees including GST
1	Certificate Course in Web Designing	As per the NSQF	80 Hrs.	4000/-
2	Advanced Diploma in Big Data Analytics	As per the NSQF	480 Hrs.	15000/-
3	Certified Android Apps Developer	As per the NSQF	100 Hrs.	5000/-
4	Online short term Certificate course in PCB Design and Manufacturing	Diploma and above in / Electronics/ Electrical/ Instrumentation/Science stream.	30 Hrs.	2000/-
5	Certificate Course in VLSI Design	As per the NSQF	80 Hrs.	5000/-
6	Short term course on Designing Solar System for Home	10Th/12Th/Diploma/ITI/ B.Sc/M.Sc/B.E/B.Tech in any stream.	40 Hrs.	3000/-

For SC/ST candidates course is free for S.No 1,2,3 & 5 course.

For more details kindly visit our Website:- <http://www.nielit.gov.in/aurangabad/>
For SC/ST candidates course is free for S.No 1,2,3 & 5 course.

EN 6/29



भारतीय समुद्री विश्वविद्यालय

Indian Maritime University

(A Central University under Ministry of Ports, Shipping and Waterways, Government of India)

Established by an Act of Parliament in 2008

Advt. No. IMU-HQ/R/13/15/5/2021-Estt.(R)

Advertisement for Recruitment of Campus Directors

(on Direct Recruitment/Deputation)

The Indian Maritime University seeks to recruit suitable persons for the post of **Campus Director** located at Mumbai Port and Navi Mumbai. The Campus Director is the academic-cum-administrative head of the Campus. Apart from day-to-day administration and overall management of the Campus, the Campus Director is expected to

- Provide leadership for long term development of the Campus in line with the Maritime India Vision 2030 and the vision of the University and NEP 2020.
- Contribute to create a thriving learning environment for students, faculty and staff.
- Strengthen academic, consulting and research activities in the Campus/University.
- Build and nurture alliances and partnerships with alumni and stakeholders in the maritime sector to enhance the academic standing of the University.

Interested Indian nationals may apply in the prescribed form which can be downloaded from the link available at www imu.edu.in.

Sl. No.	Name of the Post	Category	Total No. of Posts	Pay Level and Likely Place of Posting
1	Campus Director	UR	2	Level-14 [Academic] under 7th CPC plus Special Allowance of Rs. 6750/-per month. IMU-Navi Mumbai & Mumbai Port Campus.

Even though initially appointed to a particular Campus, the Campus Director shall be liable for transfer to any other Campus and to any equivalent post in IMU headquarters.

For Direct Recruits, the age of superannuation shall be **65 years**.

Age limit for Direct Recruitment/Deputation: Not exceeding **62 years** [as on closing date i.e. 45 days from the date of publication in Employment News].

For detailed eligibility criteria such as Age, Educational Qualifications, Experience, mode/method/format of application, etc., please visit www imu.edu.in.

The vacancies stated above are tentative and are subject to change. IMU reserves the right not to fill up any of the posts advertised (or) cancel the recruitment at any stage.

Candidates are requested to submit the Application form duly filled in to "The Registrar (i/c), Indian Maritime University, Headquarters, East Coast Road, Semmencherry, Sholinganallur (PO), Chennai 600119", so as to reach within 45 days from the date of publication in Employment News.

REGISTRAR (i/c)

EN 6/12



भारतीय कपास निगम लिमिटेड

(भारत सरकार का उपक्रम, वस्त्र मंत्रालय)

The Cotton Corporation of India Ltd.

(A Government of India Undertaking Ministry of Textiles)

Cancellation Notice of Recruitment

It is notified for the information of all concerned that recruitment **Advert. No. DR-2/CCI/2020 dated 08.12.2020** inviting online applications for various post published in various newspaper including Employment News, National Career Service portal and also displayed on the website <https://cotcorp.org.in/Recruitment> has been cancelled due to certain administrative reasons. The application fee will be refunded to the candidates shortly.

EN 6/5

CGM(Fin/HRD)



State Bank of India

Central Recruitment & Promotion Department

Corporate Centre, Mumbai

Phone: 022-22820427; Fax: 022-22820411; E-mail: crpd@sbi.co.in

RECRUITMENT OF JUNIOR ASSOCIATES (CUSTOMER SUPPORT & SALES)

(Advertisement No. CRPD/CR/2021-22/09)

Online Registration of Application and Payment of Fees: 27.04.2021 To 17.05.2021

Applications are invited from eligible Indian Citizens for appointment as Junior Associate (Customer Support & Sales) in clerical cadre in State Bank of India. Candidates can apply for vacancies in one State only. Candidates can appear for the test only once under this recruitment project. The candidates applying for vacancies of a particular State, should be proficient (reading, writing, speaking and understanding) in the specified opted local language of that State (mentioned in the under given vacancy table against each state/UT). The test for knowledge of specified opted local language will be conducted as a part of selection process. It will be conducted after qualifying the main online examination but before joining the Bank. Candidates who fail to qualify this test will not be offered appointment. Candidates who produce 10th or 12th standard mark sheet/certificate evidencing having studied the specified opted local language will not be required to undergo the language test. **There is no provision for Inter Circle Transfer / Inter State Transfer for Junior Associates to be recruited.**

Preliminary Examination will be conducted tentatively in the month of June 2021 and Main Examination will be conducted tentatively on July 31st 2021. Candidates are advised to check the Bank's website regularly <https://bank.sbi/careers> or <https://www.sbi.co.in/careers> for details and updates.

VACANCIES:

Circle	State/ UT	Language*	Regular Vacancies												Backlog Vacancies												
			Category Wise						PWD			XS			SC/ ST/ OBC			PWD			XS						
			SC	ST	OBC	EWS	GEN	Total	LD	VI	HI	d& e@	XS	DXS	SC	ST	OBC	Total	LD	VI	HI	d& e@	Total	XS	DXS	Total	
Ahmedabad	Gujarat	Gujarati	63	135	243	90	371	902	10	9	9	9	90	40	0	40	0	40	0	0	25	0	25	0	0	0	
Bangalore	Karnataka	Kannada	64	28	108	40	160	400	4	4	4	4	40	18	0	21	5	26	1	0	10	7	18	66	43	109	
Bhopal	Madhya Pradesh	Hindi	11	15	11	7	34	78	1	1	1	1	7	3	0	10	0	10	0	0	0	0	0	0	0	0	0
	Chhattisgarh		14	38	7	12	49	120	2	1	1	1	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0
Bengal	West Bengal	Bengali/Nepali	62	13	60	27	111	273	3	3	3	2	27	12	0	0	0	0	0	0	0	0	0	0	0	0	0
	A&N Islands	Hindi/English	0	1	4	1	9	15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sikkim	Nepali/English	0	2	2	1	7	12	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bhubaneswar	Odisha	Odia	12	16	9	7	31	75	1	1	1	0	7	3	0	0	0	0	0	0	0	0	0	0	0	5	5
Chandigarh	Jammu & Kashmir	Urdu/Hindi	0	1	3	1	7	12	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ladakh	Ladakhi/Urdu/ Dogri	0	0	2	0	6	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Himachal Pradesh	Hindi	45	7	36	18	74	180	2	2	2	1	18	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	Chandigarh	Punjabi/Hindi	2	0	4	1	8	15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Punjab		85	0	61	29	120	295	3	3	3	2	29	13	0	0	0	0	0	0	0	0	0	0	0	0	0
Chennai	Tamil Nadu	Tamil	89	4	127	47	206	473	5	5	5	4	47	21	4	0	4	8	0	1	4	3	8	30	17	47	
	Pondicherry		0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delhi	Delhi	Hindi	12	6	21	8	33	80	1	1	1	0	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	Uttarakhand		12	2	9	7	40	70	1	1	1	0	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0
Delhi/ Chandigarh	Haryana	Hindi/Punjabi	20	0	29	11	50	110	1	1	1	1	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0
Hyderabad	Telangana	Telugu/Urdu	44	19	74	27	111	275	3	3	3	2	27	12	0	0	0	0	0	0	0	0	0	0	0	0	0
Jaipur	Rajasthan	Hindi	29	22	35	17	72	175	2	2	1	2	17	7	4	4	4	12	1	0	31	3	35	16	20	36	
Kerala	Kerala	Malayalam	9	0	26	9	53	97	1	1	1	1	9	4	2	4	0	6	1	0	4	2	7	0	22	22	
	Lakshadweep		0	1	0	0	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lucknow/ Delhi	Uttar Pradesh	Hindi/Urdu	73	3	94	35	145	350	4	3	4	3	35	15	4	4	11	19	1	1	1	0	3	18	0	18	
Maharashtra/ Mumbai Metro	Maharashtra	Marathi	63	56	172	63	286	640	7	7	7	5	63	28	0	0	0	0	0	0	0	0	0	0	0	0	0
Maharashtra	Goa	Konkani	0	1	1	1	7	10	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
North Eastern	Assam	Assamese/ Bengali/Bodo	10	17	40	14	68	149	2	1	1	1	14	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arunachal Pradesh	English	0	6	0	1	8	15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Manipur	Manipuri	0	6	2	1	9	18	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Meghalaya	English/Garo/ Khasi	0	6	0	1	7	14	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mizoram	Mizo	0	9	1	2	8	20	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Nagaland	English	0	4	0	1	5	10	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tripura	Bengali/ Kokborok	3	5	0	1	10	19	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total			722	423	1181	480	2109	4915	58	49	49	39	480	205	14	83	24	121	4	2	75	15	96	130	107	237	

Continued

Special Recruitment Drive

Circle	Special Area	Language*	Regular Vacancies										Backlog Vacancies													
			Category Wise					PWD			XS		SC/ST/ OBC					PWD			XS					
			SC	ST	OBC	EWS	GEN	Total	LD	VI	HI	d& e@	XS	DXS	SC	ST	OBC	Total	LD	VI	HI	d& e@	Total			
Chandigarh	Kashmir Valley	Urdu/ Kashmiri/ Dogri	3	4	10	4	19	40	1	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0		
	Leh & Kargil	Urdu/ Ladakhi/ Valley	1	1	4	1	8	15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		
North Eastern	Dibang Valley, Tawang, etc.	English	0	4	0	1	5	10	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		
	Tura	Garo	0	4	0	1	5	10	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		
	Mokokchung	Ao (Naga)	0	4	0	1	5	10	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		
Total			4	17	14	8	42	85	1	0	0	0	8	1	0	0	0	0	0	0	0	0	0	0		
Grand Total			726	440	1195	488	2151	5000	59	49	49	39	488	206	14	83	24	121	4	2	75	15	96	130	107	237

*Candidate to opt for One language at the time of online application. @ Persons with benchmark disabilities under clauses (d) & (e) of section 34 of the rights of persons with Disabilities Act 2016.

Abbreviations: SC - Scheduled Caste, ST - Scheduled Tribe; OBC - Other Backward Classes; EWS – Economically Weaker Section; Gen - General Category; PWD - Person with Disability; LD - Locomotor Disability; VI - Visually Impaired; HI - Hearing Impaired; d & e - Category d & e of the rights of persons with Disabilities Act 2016; XS - Ex-Serviceman; DXS-Disabled Ex-Serviceman/ Dependent of Ex-serviceman.

The reservation under various categories will be as per prevailing government guidelines.

A ELIGIBILITY CRITERIA:

A Age Limit: (As on 01.04.2021)

Not below 20 years and not above 28 years as on 01.04.2021, i.e. candidates must have been born not earlier than 02.04.1993 and not later than 01.04.2001 (both days inclusive). Relaxation of Upper age limit as per Government guidelines.

B Essential Academic Qualifications: (As on 16.08.2021)

Graduation in any discipline from a recognised University or any equivalent qualification recognised as such by Central Government. Candidates having integrated dual degree (IDD) certificate should ensure that the date of passing the IDD is on or before 16.08.2021.

Those who are in the final year/ semester of their graduation may also apply provisionally subject to the condition that, if provisionally selected, they will have to produce proof of having passed the graduation examination on or before 16.08.2021.

2. RESERVATION FOR PERSONS WITH DISABILITY (PWD):

4% horizontal reservation has been provided to Persons with Benchmark Disabilities as per section 34 of "Rights of Persons with Disabilities Act, 2016". The post is identified suitable for the Persons with undernoted categories of disabilities as defined in the Schedule of RPWD Act 2016.

3. EX-SERVICEMEN:

For complete details please refer to detailed advertisement available on our Careers website.

4. SELECTION PROCEDURE:

The selection process will consist of online test (Preliminary & Main Exam) and test of specified opted local language.

Phase-I: Preliminary Examination: Online Preliminary Exam consisting of Objective Tests for 100 marks will be conducted online. This test would be of 1-hour duration consisting of 3 Sections as follows:

Sl.	Name of Test	No. of Questions	Max. Marks	Duration
1.	English language	30	30	20 mins.
2.	Numerical Ability	35	35	20 mins.
3.	Reasoning Ability	35	35	20 mins.
	Total	100	100	1 Hr.

Each test will have a separate timing as mentioned above. No minimum qualifying marks are prescribed for individual test OR for aggregate score.

Adequate number of candidates in each category as decided by the Bank (approximately 10 times the numbers of vacancies, subject to availability) will be shortlisted for the Main Exam from the list of all candidates arranged in descending order of aggregate marks scored.

Phase - II: Main Examination: Structure of Online Main Exam would be as follows:

Sl.	Name of Test	No. of Questions	Max. Marks	Duration
1.	General/ Financial Awareness	50	50	35 mins.
2.	General English	40	40	35 mins.
3.	Quantitative Aptitude	50	50	45 mins.
4.	Reasoning Ability & Computer Aptitude	50	60	45 mins.
	Total	190	200	2 Hr. 40 mins.

Each test will have a separate timing as mentioned above. The questions in objective tests, except for the test of General English, will be bilingual i.e., English & Hindi.

Candidates are required to score a minimum percentage marks on aggregate (For SC/ST/OBC/PWD/XS/DXS candidates, 5% relaxation available thereon). Minimum qualifying marks on aggregate will be decided by the bank. No minimum qualifying marks for individual subject are prescribed.

For complete details please refer to detailed advertisement available on Bank's Website: <https://bank.sbi/careers> or <https://www.sbi.co.in/careers>.

The Bank is not responsible for printing errors, if any.



ENERGY EFFICIENCY SERVICES LIMITED

(A JV of PSUs of Ministry of Power, Govt. of India)

5th & 6th Floor, Core-3, SCOPE Complex,
Lodhi Road, New Delhi-110003

Advt Ref No.: EESL/0320/24

Date: 21.04.2021

NOTICE

Subject:-Appointment of Director (Finance) for Energy Efficiency Services Limited.

Applications are invited from eligible executives for appointment to the post of Director (Finance) for Energy Efficiency Services Limited to be posted at the Corporate Office of EESL presently in New Delhi

Title	Description	Age (As on 20th May 2021)	Educational qualification	Minimum Post qualification executive experience	Pay Structure (in Rs.)	Mode of submission of Application
Director (Finance)	Regular	Maximum Age Limit - 3 years of residual service as on the date of vacancy w.r.t the date of superannuation i.e. 60 years	Minimum Qualification:- The applicant should be a Cost Accountant/ Chartered Accountant/Full time MBA (Finance)/Full time PGDM (Finance) or equivalent with good academic record	Applicants should possess in total 24 years of post qualification experience in Finance Management, Accounting, Budgetary Control, International Finance, Working Capital Managements, Resource Mobilization etc. in a large organization of repute.	Rs. 1,50,000-3,00,000 (IDA Scale)	Online

Last date for Online Registration and submission of applications: 20.05.2021

For more info, Please visit <https://eeslindia.org/en/human-resource/>

Creating an Energy Efficient World

EN 6/25



Indian National Centre for Ocean Information Services (INCOIS)

(An autonomous body under Ministry of Earth Sciences (MoES)
Govt. of India)

Hyderabad

Applications are invited from the eligible candidates for filling up of the following Regular Position on Direct Recruitment at Indian National Centre for Ocean Information Services (INCOIS), Hyderabad, an autonomous body under Ministry of Earth Sciences, Govt. of India :

Post Code	Name of the Post	No. of Posts & Reserved for	Pay & Allowances	Age Limit (as on date of closure of application)
01	Scientist - B	One & UR	Level-10 of the Pay Matrix (Rs. 56,100 - Rs. 1,77,500) and allowances as per INCOIS rules.	35 yrs.

Further details about the position, eligibility, academic qualifications, responsibilities, experience, application procedure and other general conditions are available at INCOIS website www.incois.gov.in under 'Vacancies'.

Closing Date : The last date of submission of online application is 10th June 2021 by 05:00 pm IST.

EN 6/16

Advt. No. INCOIS/RMT.01/2021



All India Institute of Medical Sciences, Gorakhpur

(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार द्वारा स्थापित एक स्वायत्त निकाय)

(An autonomous organization under the Ministry of Health & Family Welfare, Govt. of India)

Ref.No. AIIMS/GKP/RECT/2021/

Recruitment Notification

ADVERTISEMENT FOR RECRUITMENT TO THE POST OF FACULTY (GROUP "A") ON DIRECT RECRUITMENT BASIS IN VARIOUS DEPARTMENT OF AIIMS GORAKHPUR.

Applications are invited from Indian National /Person registered under Overseas Citizenship Act,1956 for the following faculty posts on Direct Recruitment basis. The number of faculty posts under various categories are as per details given below.

Sr. No.	Name of Post	Level As per 7th CPC	Total Number of Tentative Vacancies	Number of post category-wise				
				UR	OBC	SC	ST	EWS
1.	Professor	14- A	30	12	08	05	02	03
2.	Additional Professor	13-A2+	22	09	06	04	01	02
3.	Associate Professor	13-A1+	29	09	09	06	02	03
4.	Assistant Professor	12	46	07	16	09	06	08
Total			127	37	39	24	11	16

BANK NOTE PRESS, DEWAS (M.P.) 455001

(ISO: 9001:2015 & ISO: 14001:2015 Certified Unit)

A Unit of Security Printing & Minting Corporation of India Limited

Miniratra Category-I CPSE (Wholly owned by Government of India)

CIN: U22213DL2006G0144763, Phone: 07272-255222, Fax: 07272-255111

Email: bnpdewas@spmcil.com, Website: www.bnpdewas.spmcil.com

No.: BNP/HR/08/2020

Bank Note Press, Dewas (M.P.) invites Online applications from Indian Nationals for filling up the various Posts of Dewas Unit as per details given below:

Post Code	Name of the Post	No. of Posts	Pay-Scale (IDA) & Level	Upper Age-limit (as on closing date)	
1	Welfare Officer	01	₹ 29740-103000 (Level A-2)	30 years	
2	Supervisor (Ink Factory)	01	₹ 27600-5910 (Level S-1)		
3	Supervisor (Information Technology)	01	₹ 21540-77160- (Level B-3)		
4	Junior Office Assistant	15	₹ 21540-77160- (Level B-3)	28 years	
5	Junior Technician (Ink Factory)	60	₹ 18780-67390- (Level W-1)	25 years	
6	Junior Technician (Printing)	23			
7	Junior Technician (Electrical / IT)	15			
8	Junior Technician (Mechanical / AC)	15			

Applications are also invited for filling-up the following vacancies for India Government Mint, Noida (One of the nine Units under SPMCIL):

Post Code	Name of the Post	No. of Posts	Pay-Scale (IDA) & Level	Upper Age-limit (as on closing date)
9	Secretarial Assistant	01	₹ 23910-85570- (Level B-4)	28 years
10	Junior Office Assistant	03	₹ 21540-77160- (Level B-3)	

Important Dates:

Opening of website link for applying Online applications 12.05.2021 to 11.06.2021

Payment of fees in online mode 12.05.2021 to 11.06.2021

Tentative date of Stenography Test & Typing Test on computer July / August 2021

Tentative date of Online examination July / August 2021

Eligibility Conditions

Welfare Officer Essential: a. Possesses a degree of a University recognized by the State Government in this behalf, b. Has obtain a Degree or Diploma in Social Science from any institution recognized by the State Government in this behalf, and c. Has adequate knowledge of Hindi as also of the language spoken by the majority or the workers in the factory to which he is to be attached.

Supervisor (Ink Factory) Essential: First class full time Diploma in Dyestuff Technology/ Paint Technology/ Surface Coating Technology/ Printing Ink Technology/Printing Technology, Higher qualification i.e. B.Tech./ B.E./ B.Sc. (Engg.) in the * relevant trade will also be considered. OR Full Time B.Sc. in Chemistry.

Supervisor (Information Technology) Essential: First class full time Diploma in Engineering in the IT/Computer Engineering, Higher qualification i.e. B.Tech/B.E/ B.Sc. Engg. in the *relevant trade will also be considered.

Junior Office Assistant Essential: Graduate with at least 55% marks and computer knowledge with typing speed on computer in English @40 wpm / Hindi @30 wpm, as per the requirement

Junior Technician (Ink Factory) Essential: Full time ITI certificate in Dyestuff Technology/ Paint Technology/ Surface Coating Technology/ Printing Ink Technology/Printing Technology alongwith one year NAC certificate from NCVT.

Junior Technician (Printing) Essential: Full time ITI certificate in Printing Trade viz. Litho Offset Machine Minder, Letter Press Machine Minder, Offset Printing, Platemaking, Electroplating, Hand Composing, Plate-maker cum Impositor alongwith one year NAC certificate from NCVT.

Junior Technician (Electrical/IT) Essential: Full time ITI certificate in Electrical, Electronics alongwith one year NAC certificate from NCVT.

Junior Technician (Mechanical / AC) Essential: Full time ITI certificate in Fitter, Machinist Turner, Instrument Mechanic, Mechanic Motor Vehicle alongwith one year NAC certificate from NCVT.

Secretarial Assistant Essential: Graduate with at least 55% marks, Computer Knowledge, Stenography in English or Hindi @ 80 wpm and Typing @ 40 wpm in English or Hindi. Desirable: Proficiency in Secretarial job.

* Relevant Trade means the trade in which Diploma qualifications has been prescribed.

Note: For complete details including qualifications, reservation, relaxation in upper age limit, examination fee, selection process, how to apply online, general information & instructions and other details, please visit our website [https://bnpdewas.spmcil.com](http://bnpdewas.spmcil.com).

sd/-
Dy. General Manager (HR)

EN 6/26

Last date of online application: - 30 days from the date of advertisement published in Employment News /Rojgar Samachar.

The above vacancies are provisional and subject to variation. The Executive Director, AIIMS, Gorakhpur reserves the right to vary the vacancies including reserved vacancies as per the Govt. of India rules/circulars and requirements. Application form along with department wise details of seats, reservation, terms and conditions etc. of the various posts will be uploaded on institute's website www.aiimsgorakhpur.edu.in. All the applicants are advised to regularly check AIIMS, Gorakhpur website www.aiimsgorakhpur.edu.in on regular basis for any further updates.

Executive Director
AIIMS, Gorakhpur

EN 6/19

भारतीय प्रबंध संस्थान शिलांग
Indian Institute of Management Shillong
 No. IIM/Admn/119/19/2021/1445 Dated: 10 April 2021

ADVERTISEMENT FOR NON-TEACHING POST

Indian Institute of Management Shillong invites applications for the following Non-Teaching Post:

Name of the Post	Audit Officer (on Contract)
No. of Posts	1 (one)
Tenure	On Contract for a period of 5 years initially and performance to be reviewed annually
Category	Un-Reserved
Scale of Pay	Level-11 - Initial Basic Pay Rs. 67700/-
Qualification	Associate Member of Institute of Chartered Accountants of India or Institute of Cost & Works Accountants of India
Experience	7 years' experience in an Institute of repute Govt. of India, Autonomous Bodies/PSU in Level-6 / Level-8 relating to Audit in Govt./PSU/Autonomous Bodies or equivalent in Industry.
Age Limit	45 years as on the last date of Publication of the Advertisement.

The last date for submission of Online Application is **15 May 2021**
 For further details please visit our website:
www.iimshillong.ac.in

EN 6/14

भारतीय प्रबंध संस्थान शिलांग
Indian Institute of Management Shillong
 No. IIM/Admn/118/13/2021/1446 Dated: 10 April 2021

ROLLING ADVERTISEMENT FOR FACULTY POSITIONS
 (In continuation to Institute Rolling Advertisement No.
 IIM/Admn/118/13/2020/830 dated 12/10/2020)

IIM Shillong is the 7th IIM in India and was established by the Government of India in the year 2007. The Institute has been declared as an Institute of National Importance as per the IIM Act, 2017. The vision of the Institute is to become an internationally recognized management Institute with a global outlook grounded in Indian values. The Institute strives to impart to its students ethical values, compassionate behaviour, and concern for society. IIM Shillong is looking for dynamic and motivated Faculty with a passion for Teaching and Research and zeal to excel in the field of management education in various areas of management.

Sl. No	Name of the Post	Scale of Pay
1	Professor	Level-14A Initial Basic Pay Rs. 159100/-
2	Associate Professor	Level-13A2 Initial Basic Pay Rs. 139600/-
3	Assistant Professor Grade-I	Level-12 Initial Basic Pay Rs. 101500/-

For further details and submission of online application please visit our
www.iimshillong.ac.in

EN 6/17

GOVERNMENT OF HIMACHAL PRADESH
(DEPARTMENT OF MPP & POWER)

Advt. Date: 23.04.2021 (Closing Date: 22.05.2021)

**ADVERTISEMENT FOR THE POST OF
DIRECTOR (CIVIL), HPPCL**

The Department of MPP & Power, Government of Himachal Pradesh, invites applications by **22.05.2021** from interested and eligible Indian Nationals for appointment to one number post of **Director (Civil)** in the Pay Scale /Pay band of Rs. 37400-67000 + GP Rs. 10,000/- (initial pay of Rs.54700/-) per month in Himachal Pradesh Power Corporation Limited, Shimla. The duration of the appointment to this post shall be five years or up to the age of 60 years whichever is earlier. As regard to other eligibility conditions, terms and conditions of appointment, age, duties and responsibilities and application format etc., the applicants may visit and download the same from official website of HPPCL i.e. www.hppcl.in. The Application Form duly super-scribed for the post may be sent to following address:

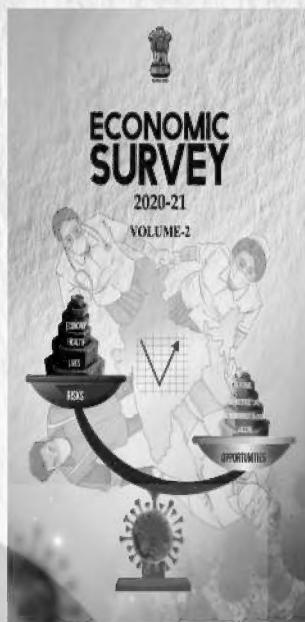
The Managing Director
 Himachal Pradesh Power Corporation Limited,
 Himfed Building, BCS, New Shimla, Shimla-171009 (H.P.)

EN 6/4

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Indian Institute of Management Amritsar

Punjab Institute of Technology Building, Inside Govt. Polytechnic Campus
 Polytechnic Road, P. O. Chheharta, G.T. Road, Amritsar (Punjab) - 143105

NON - TEACHING POSITIONS

Indian Institute of Management (IIM) Amritsar invites online applications from eligible Indian citizens for the following position:

Sr. No	Position	No. of post	Classification	Qualification	Particulars of Pay
1.	HR Supervisor and Coordinator (Director's Office)	01 (UR)	Regular or Contractual	An MBA preferably with a specialization in Finance and/or Human Resource Management with at least 60% aggregate marks.	Pay Level - 8 as per 7th CPC (Basic, HRA, DA, TA, and DA on TA) and other eligible benefits as approved by the board from time to time.

The last date for the submission of online applications is **28th May 2021**. For further details, updates and to submit online application, please visit www.iimamritsar.ac.in

EN 6/3



Balmer Lawrie & Co. Ltd.

(A Government of India Enterprise)

(A Mini Ratna - I PSE)

Regd. Office: 21, N S Road, Kolkata-700 001
CIN: L15492WB1924GOI004835, Website: www.balmerlawrie.com
For Email id and Phone No. refer web advertisement

Balmer Lawrie invites applications from professionals for the following posts:

Sl. No.	SBU / Function	Position	Grade (Pay Scale)*** Rs.	No. of Posts**	Minimum Qualification (only UGC / AICTE / Govt. of India / State Govt. approved Institutes / Universities)	Max Age (years)*	Minimum Relevant Experience (years)*
1.	Temperature Controlled Warehouse [TCW]	Head [Operations]	E4 (70000 - 200000)	1 (One)	Full time regular Degree in Engineering OR 2 years full time regular Post Graduate Degree / Diploma in Management/MBA	40 Years	11 Years
2.		Head [Marketing]	E4 (70000 - 200000)	1 (One)	Full time regular Degree in Engineering OR 2 years full time regular Post Graduate Degree / Diploma in Management/MBA	40 Years	11 Years
3.		Assistant Manager [Marketing]	E1 (40000 - 140000)	1 (One)	Full time regular Degree in Engineering AND / OR 2 years full time regular Post Graduate Degree / Diploma in Management/MBA	27 Years	01 Year
4.	Travel & Vacations	Deputy Manager [IT]	E2 (50000 - 160000)	1 (One)	Full time regular Degree in Engineering OR MCA	32 Years	05 Years
5.		Assistant Manager [IT]	E1 (40000 - 140000)	1 (One)	Full time regular Degree in Engineering OR MCA	27 Years	01 Year
6.	Industrial Packaging	Assistant Manager [Manufacturing]	E1 (40000 - 140000)	1 (One)	Full time regular Degree in Engineering with specialization in Mechanical	27 Years	01 Year
7.	Corporate IT	Chief Manager [IT]	E5 (80000 - 220000)	1 (One)	Full time regular degree in B.E or B.Tech with a specialization in Computer Science / Information Technology / Electronics & Communication / Mechanical or MCA	42 Years	13 Years
8.	Corporate HR	Assistant Manager [HR]	E1 (40000 - 140000)	1 (One)	2 years full time regular Degree / Diploma in Management / MBA with a specialization in HR AND / OR MSW	27 Years	01 Year
9.	Regional HR - East	Assistant Manager [HR]	E1 (40000 - 140000)	1 (One)	2 years full time regular degree in MBA with a specialization in HR / MSW	27 Years	01 Year

* The cut-off date for minimum relevant experience & maximum age is 21.05.2021. All candidates who are eligible as on the cut-off date may apply for the currently advertised position. Panel may be drawn as against interviews conducted, if any, during this recruitment process, for filling of similar vacancies arising in future as per the Recruitment Rules of the Company.

**This is only indicative. Panel may be drawn from the recruitment process to fill drop out or future vacancies.

*** The Company may choose to operate the positions in appropriate lower grade(s) for applicants with lesser work experience. Refer web advertisements for details.

Person with Benchmark Disabilities (PwBD) are eligible to apply for all positions.

Note: Maximum age is relaxable by 5 years for SCs / STs & 3 years for OBCs (Non-Creamy Layer). For PwBD candidates, age is relaxable by 10 years [15 years for SCs / STs & 13 years for OBCs (Non-Creamy Layer)]. For Ex-Servicemen & Commissioned Officers including Emergency Commissioned Officers or Short Service Commissioned Officers, maximum age is relaxable by the length of military service increased by 3 years.

Reservation for SC, ST, OBC (Non-Creamy Layer), PwBD & Economically Weaker Sections will be as per Govt. of India Rules.

For details & to apply, log-on to Careers at <http://www.balmerlawrie.com/pages/currentopening>
Last Date for Submission of Online Applications: 21st May, 2021

EN 6/15

Ministry of Finance

Department of Financial Services

Applications are invited from eligible and willing candidates for existing, anticipated and unforeseen vacancies for the post of **Recovery Officer** upto 31.12.2021 in Debts Recovery Tribunals (DRTs) in Level 11 (Rs. 67700-208700) of the pay matrix, under Department of Financial Services, Ministry of Finance on deputation basis.

It may be noted that the last date for receipt of duly filled in applications through proper channel along with requisite documents in this Department is **30.06.2021**. For details, please visit the website: <https://financialservices.gov.in/vacancy>.

(A. K. Dogra)

Director (DRT)

New Delhi

Dated : 27th April, 2021

EN 6/30



MSME TECHNOLOGY CENTRE DURG

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES, GOVT. OF INDIA SOCIETY

Plot No: 2D, Sector-B, Borai industrial growth centre, Rasmada, Dist-Durg (C.G)-491001



ADMISSION NOTICE FOR AICTE APPROVED DIPLOMA COURSES 2021

Applications are invited in the prescribed format for admission to the following AICTE approved & CSEVTU affiliated Diploma courses for the academic session 2021-22.

COURSE	DURATION	INTAKE	MIN. QUALIFICATION	AGE
DIPLOMA IN TOOL & DIE MAKING	4 Years	60	10 th std. with Science & Math from a recognized board with min. 50% marks (40% in case of candidates belonging to SC/ST category)	15-19 Years as on 01/07/2021 (3 Years relaxation for SC/ST candidates)
DIPLOMA IN MECHATRONICS	3 Years	60		

Reservation on seats for SC/ST/OBC (Non-creamy layer)/EWS are applicable as per Govt. of India rules.

Application form can be downloaded from our website www.msmetcdurg.org under the link "AICTE Diploma Courses" or can be collected from Centre's Admissions Desk on any working day from 10:00 a.m. to 05:00 p.m.

Mode of selection: Selection will be made through (Online/Offline) written test (both objective & subjective type questions) at Durg. Candidates awaiting result of 10th can also appear for written test. However the result should be available at the time of admission.

How to apply:

Online- Applicants may directly go to registration link available in website and fill necessary details and pay fees online. No need to send hardcopy of application in this mode.

By Speed Post or Courier - Filled in application forms can be sent to The Deputy General Manager, MSME Technology Centre Durg, Plot No: 2D, Sector-B, Borai industrial growth centre, Rasmada, Dist-Durg (C.G)-491001 along with necessary documents, photograph & application fee. Application form should have the superscription on the top of the envelope as "Application for Diploma in Tool & Die Making or Mechatronics"

By Hand at MSME Technology Centre Durg - Filled in application forms can be deposited at Centre's Admissions Desk along with necessary documents, photograph & application fee on any working day from 10:00 a.m. to 05:00 p.m.

Mode of Payment of Application Fee

"Application cost ₹ 500/- for General Category and ₹ 250/- for SC/ST Category"

- ✓ By way of Demand Draft drawn in favor of MSME Technology Centre Durg payable at Durg
- ✓ By Online at www.msmetcdurg.org (detailed steps of online payment can be found in website.)

Start of registration	30/04/2021	Last date for registration	21/06/2021
Written Test (Online/Off Line)	28/06/2021	Declaration of Test Result	02/07/2021
Admission & Counseling Process	05/07/2021	Commencement of Course	12/07/2021

Note: The above schedule / procedure may change subject to COVID19 situations & directives from appropriate competent authorities.

PLACEMENT: MSME Technology Centre Durg shall arrange campus interviews for students after completion of the course.

For query please contact: 9553833942/9030579747/9438081475
email id: msmetcdurg@gmail.com website: www.msmetcdurg.org

EN 6/32

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Union Public Service Commission

Civil Services (Prelim) Exam-2018

General Studies Paper - I

Q1. Consider the following statements:

1. In the first Lok Sabha, the single largest party in the opposition was the Swatantra Party.
2. In the Lok Sabha, a "Leader of the Opposition" was recognised for the first time in 1969.
3. In the Lok Sabha, if a party does not have a minimum of 75 members, its leader cannot be recognised as the Leader of the Opposition.

Which of the statements given above is/are correct?

(a) 1 and 3 only (b) 2 only
(c) 2 and 3 only (d) 1, 2 and 3

Q2. Which of the following leaf modifications occur(s) in the desert areas to inhibit water loss?

1. Hard and waxy leaves
2. Tiny leaves
3. Thorns instead of leaves

Select the correct answer using the code given below:

(a) 2 and 3 only (b) 2 only
(c) 3 only (d) 1, 2 and 3

Q3. As per the NSSO 70th Round "Situation Assessment Survey of Agricultural Households", consider the following statements :

1. Rajasthan has the highest percentage share of agricultural households among its rural households.
2. Out of the total agricultural households in the country, a little over 60 percent belong to OBCs.
3. In Kerala, a little over 60 percent of agricultural households reported to have received maximum income from sources other than agricultural activities.

Which of the statements given above is/are correct?

(a) 2 and 3 only (b) 2 only
(c) 1 and 3 only (d) 1, 2 and 3

Q4. How is the National Green Tribunal (NGT) different from the Central Pollution Control Board (CPCB)?

1. The NGT has been established by an Act whereas the CPCB has been created by an executive order of the Government.
2. The NGT provides environmental justice and helps reduce the burden of litigation in the higher courts whereas the CPCB promotes cleanliness of streams and wells, and aims to improve the quality of air in the country.

Which of the statements given above is/are correct?

(a) 1 only (b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

Q5. Consider the following statements:

1. The Parliament of India can place a particular law in the Ninth Schedule of the Constitution of India.
2. The validity of a law placed in the Ninth Schedule cannot be examined by

any court and no judgement can be made on it.

Which of the statements given above is/are correct?

(a) 1 only (b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

Q6. Which one of the following best describes the term "Merchant Discount Rate" sometimes seen in news?

- (a) The incentive given by a bank to a merchant for accepting payments through debit cards pertaining to that bank.
- (b) The amount paid back by banks to their customers when they use debit cards for financial transactions for purchasing goods or services.

- (c) The charge to a merchant by a bank for accepting payments from his customers through the bank's debit cards.

- (d) The incentive given by the Government to merchants for promoting digital payments by their customers through Point of Sale (PoS) machines and debit cards.

Q7. What is/are the consequence/consequences of a country becoming the member of the 'Nuclear Suppliers Group'?

1. It will have access to the latest and most efficient nuclear technologies.
2. It automatically becomes a member of "The Treaty on the Non-Proliferation of Nuclear Weapons (NPT)".

Which of the statements given above is/are correct?

(a) 1 only (b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

Q8. With reference to India's decision to levy an equalization tax of 6% on online advertisement services offered by non-resident entities, which of the following statements is/are correct?

1. It is introduced as a part of the Income Tax Act.
2. Non-resident entities that offer advertisement services in India can claim a tax credit in their home country under the "Double Taxation Avoidance Agreements".

Select the correct answer using the code given below:

(a) 1 only (b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

Q9. Consider the following statements:

1. The Fiscal Responsibility and Budget Management (FRBM) Review Committee Report has recommended a debt to GDP ratio of 60% for the general (combined) government by 2023, comprising 40% for the Central Government and 20% for the State Governments.
2. The Central Government has domestic liabilities of 21% of GDP as compared to that of 49% of GDP of

the State Governments.

3. As per the Constitution of India, it is mandatory for a State to take the Central Government's consent for raising any loan if the former owes any outstanding liabilities to the latter. Which of the statements given above is/are correct?

(a) 1 only (b) 2 and 3 only
(c) 1 and 3 only
(d) 1, 2 and 3

Q10. Consider the following statements:

1. The quantity of imported edible oils is more than the domestic production of edible oils in the last five years.
2. The Government does not impose any customs duty on all the imported edible oils as a special case.

Which of the statements given above is/are correct?

(a) 1 only (b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

Q11. He wrote biographies of Mazzini, Garibaldi, Shivaji and Shrikrishna; stayed in America for some time; and was also elected to the Central Assembly. He was

(a) Aurobindo Ghosh
(b) Bipin Chandra Pal
(c) Lala Lajpat Rai
(d) Motilal Nehru

Q12. Consider the following statements:

1. Aadhaar card can be used as a proof of citizenship or domicile.
2. Once issued, Aadhaar number cannot be deactivated or omitted by the issuing Authority.

Which of the statements given above is/are correct?

(a) 1 only (b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

Q13. Which of the following has/have shrunk immensely/dried up in the recent past due to human activities?

1. Aral Sea 2. Black Sea
3. Lake Baikal

Select the correct answer using the code given below:

(a) 1 only (b) 2 and 3
(c) 2 only (d) 1 and 3

Q14. "Rule of Law Index" is released by which of the following ?

(a) Amnesty International
(b) International Court of Justice
(c) The Office of UN Commissioner for Human Rights
(d) World Justice Project

Q15. Which one of the following links all the ATMs in India?

(a) Indian Banks' Association
(b) National Securities Depository Limited
(c) National Payments Corporation of India
(d) Reserve Bank of India

Q16. Consider the following statements

1. Capital Adequacy Ratio (CAR) is the amount that banks have to maintain in the form of their own funds
2. As per the RTE Act, for

to offset any loss that banks incur if the account-holders fail to repay dues.

2. CAR is decided by each individual bank.

Which of the statements given above is/are correct?

(a) 1 only (b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

Q17. The identity platform 'Aadhaar' provides open "Application Programming Interfaces (APIs)" What does it imply?

1. It can be integrated into any electronic device.
2. Online authentication using iris is possible.

Which of the statements given above is/are correct?

(a) 1 and 2 (b) 2 only
(c) 1 and 3 (d) 3 only

teaching primary classes, a candidate is required to pass a Teacher Eligibility Test conducted in accordance with the National Council of Teacher Education guidelines.

3. In India, more than 90% of teacher education institutions are directly under the State Governments.

Which of the statements given above is/are correct?

(a) 1 and 2 (b) 2 only
(c) 1 and 3 (d) 3 only

Q22. Consider the following pairs:

Tradition State

1. Chapchar Kut - Mizoram festival
2. Khongjom Parba - Manipur ballad
3. Thang-Ta dance - Sikkim

Which of the pairs given above is/are correct?

(a) 1 only (b) 1 and 2
(c) 3 only (d) 2 and 3

Q23. Consider the following statements:

1. The Food Safety and Standards Act, 2006 replaced the Prevention of Food Adulteration Act, 1954.

2. The Food Safety and Standards Authority of India (FSSAI) is under the charge of Director General of Health Services in the Union Ministry of Health and Family Welfare.

Which of the statements given above is/are correct?

(a) 1 only (b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

Q24. The term "two-state solution" is sometimes mentioned in the news in the context of the affairs of

(a) China (b) Israel
(c) Iraq (d) Yemen

Q25. With reference to the provisions made under the National Food Security Act, 2013, consider the following statements:

1. The families coming under the category of 'below poverty line (BPL)' only are eligible to receive subsidised food grains.

2. The eldest woman in a household, of age 18 years or above, shall be the head of the household for the purpose of issuance of a ration card.

3. Pregnant women and lactating mothers are entitled to a 'take-home ration' of 1600 calories per day during pregnancy and for six months thereafter.

Which of the statements given above is/are correct?

(a) 1 and 2 (b) 2 only
(c) 1 and 3 (d) 3 only

Q26. India enacted The Geographical Indications of Goods (Registration and Protection) Act, 1999 in order to comply with the obligations to

(a) ILO (b) IMF
(c) UNCTAD (d) WTO

Q27. Consider the following statements:

Continued

1. In India, State Governments do not have the power to auction non-coal mines.

2. Andhra Pradesh and Jharkhand do not have gold mines.

3. Rajasthan has iron ore mines.

Which of the statements given above is/are correct?

(a) 1 and 2 (b) 2 only

(c) 1 and 3 (d) 3 only

Q28. With reference to digital payments, consider the following statements:

1. BHIM app allows the user to transfer money to anyone with a UPI-enabled bank account.

2. While a chip-pin debit card has four factors of authentication, BHIM app has only two factors of authentication.

Which of the statements given above is/are correct

(a) 1 only (b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Q29. Among the following cities, which one lies on a longitude closest to that of Delhi?

(a) Bengaluru (b) Hyderabad

(c) Nagpur (d) Pune

Q30. International Labour Organization's Conventions 138 and 182 are related to

(a) Child labour (b) Adaptation of agricultural practices to global climate change

(c) Regulation of food prices and food security (d) Gender parity at the workplace

Q31. Regarding Money Bill, which of the following statements is not correct?

(a) A bill shall be deemed to be a Money Bill if it contains only provisions relating to imposition, abolition, remission, alteration or regulation of any tax.

(b) A Money Bill has provisions for the custody of the Consolidated Fund of India or the Contingency Fund of India.

(c) A Money Bill is concerned with the appropriation of moneys out of the Contingency Fund of India.

(d) A Money Bill deals with the regulation of borrowing of money or giving of any guarantee by the Government of India.

Q32. With reference to the election of the President of India, consider the following statements:

1. The value of the vote of each MLA varies from State to State.

2. The value of the vote of MPs of the Lok Sabha is more than the value of the vote of MPs of the Rajya Sabha.

Which of the statements given above is/are correct?

(a) 1 only (b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Q33. In the Indian context, what is the implication of ratifying the 'Additional

Protocol with the International Atomic Energy Agency (IAEA)?

(a) The civilian nuclear reactors come under IAEA safeguards.

(b) The military nuclear installations come under the inspection of IAEA.

(c) The country will have the privilege to buy uranium from the Nuclear Suppliers Group (NSG).

(d) The country automatically becomes a member of the NSG.

Q34. Consider the following countries:

1. Australia 2. Canada

3. China 4. India

5. Japan 6. USA

Which of the above are among the 'free-trade partners' of ASEAN?

(a) 1, 2, 4 and 5

(b) 3, 4, 5 and 6

(c) 1, 3, 4 and 5

(d) 2, 3, 4 and 6

Q35. With reference to the 'Global Alliance for Climate-Smart Agriculture (GACSA)', which of the following statements is/are correct?

1. GACSA is an outcome of the Climate Summit held in Paris in 2015.

2. Membership of GACSA does not create any binding obligations.

3. India was instrumental in the creation of GACSA.

Select the correct answer using the code given below:

(a) 1 and 3 only

(b) 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

Q36. Which of the following is/are the aim/aims of "Digital India" Plan of the Government of India?

1. Formation of India's own Internet companies like China did.

2. Establish a policy framework to encourage overseas multinational corporations that collect Big Data to build their large data centres within our national geographical boundaries.

3. Connect many of our villages to the Internet and bring Wi-Fi to many of our schools, public places and major tourist centres.

Select the correct answer using the code given below:

(a) 1 and 2 only

(b) 3 only

(c) 2 and 3 only

(d) 1, 2 and 3

Q37. Consider the following pairs:

Towns some- Country times mentioned in news

1. Aleppo - Syria

2. Kirkuk - Yemen

3. Mosul - Palestine

4. Mazar-i - Afghanistan

Which of the pairs given above are correctly matched?

(a) 1 and 2 (b) 1 and 4

(c) 2 and 3 (d) 3 and 4

Q38. In the Federation established by The Government of India Act of 1935, residuary powers were given to the

(a) Federal Legislature

(b) Governor General
(c) Provincial Legislature
(d) Provincial Governors

Q39. Consider the following statements:

1. The Speaker of the Legislative Assembly shall vacate his/her office if he/she ceases to be a member of the Assembly.

2. Whenever the Legislative Assembly is dissolved, the Speaker shall vacate his/her office immediately.

Which of the statements given above is/are correct?

(a) 1 only (b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Q40. Which one of the following reflects the most appropriate relationship between law and liberty?

(a) If there are more laws, there is less liberty.

(b) If there are no laws, there is no liberty.

(c) If there is liberty, laws have to be made by the people.

(d) If laws are changed too often, liberty is in danger.

Q41. Consider the following statements:

1. No criminal proceedings shall be instituted against the Governor of a State in any court during his term of office.

2. The emoluments and allowances of the Governor of a State shall not be diminished during his term of office.

Which of the statements given above is/are correct?

(a) 1 only (b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Q42. The well-known painting "Bani Thani" belongs to the

(a) Bundi school

(b) Jaipur school

(c) Kangra school

(d) Kishangarh school

Q43. What is "Terminal High Altitude Area Defense (THAAD)", sometimes seen in the news?

(a) An Israeli radar system

(b) India's indigenous anti-missile programme

(c) An American anti-missile system

(d) A defence collaboration between Japan and South Korea

Q44. With reference to cultural history of India, consider the following statements:

1. Most of the Tyagaraja Kritis are devotional songs in praise of Lord Krishna.

2. Tyagaraja created several new ragas.

3. Annamacharya and Tyagaraja are contemporaries.

4. Annamacharya kirtanas are devotional songs in praise of Lord Venkateswara.

Which of the statements given above are correct?

(a) 1 and 3 only

(b) 2 and 4 only

(c) 1, 2 and 3

(d) 2, 3 and 4

Q45. Which of the following are regarded as the main features of the "Rule of Law"?

1. Limitation of powers

2. Equality before law

3. People's responsibility to the Government
4. Liberty and civil rights

Select the correct answer using the code given below:

(a) 1 and 3 only

(b) 2 and 4 only

(c) 1, 2 and 4 only

(d) 1, 2, 3 and 4

Q46. Which one of the following statements correctly describes the meaning of legal tender money?

(a) The money which is tendered in courts of law to defray the fee of legal cases

(b) The money which a creditor is under compulsion to accept in settlement of his claims

(c) The bank money in the form of cheques, drafts, bills of exchange, etc.

(d) The metallic money in circulation in a country

Q47. If a commodity is provided free to the public by the Government, then the opportunity cost is zero.

Q48. Increase in absolute and per capita real GNP do not connote a higher level of economic development, if

industrial output fails to keep pace with agricultural output.

agricultural output fails to keep pace with industrial output.

poverty and unemployment increase.

imports grow faster than exports.

Q49. Consider the following statements:

Human capital formation as a concept is better explained in terms of a process which enables individuals of a country to accumulate more capital.

increasing the knowledge, skill levels and capacities of the people of the country.

accumulation of tangible wealth.

accumulation of intangible wealth.

Which of the statements given above is/are correct?

(a) 1 and 2 (b) 2 only

(c) 2 and 4 (d) 1, 3 and 4

Q50. Despite being a high saving economy, capital formation may not result in significant increase in output due to

(a) weak administrative machinery

(b) illiteracy

(c) high population density

(d) high capital-output ratio

Q51. After the Santhal Uprising subsided, what was/ were the measure/ measures taken by the colonial government?

1. The territories called 'Santhal Paraganas' were created.

2. It became illegal for a Santhal to transfer land to a non-Santhal.

Select the correct answer using the code given below:

(a) 1 only (b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Q52. Economically, one of the results of the British rule in India in the 19th century was the

(a) increase in the export of Indian handicrafts

(b) growth in the number of Indian owned factories

(c) commercialization of Indian agriculture

(d) rapid increase in the urban population

Q53. If the President of India exercises his power as provided under Article 356 of the Constitution in respect of a particular State, then

the Assembly of the State is automatically dissolved.

the powers of the Legislature of that State shall be exercisable by or under the authority of the Parliament.

Article 19 is suspended in that State.

the President can make laws relating to that State.

Q54. Consider the following pairs:

Craft Heritage of

1. Puthukkuli - Tamil Nadu shawls

2. Sujni emb - Maharashtra roidery

3. Uppada - Karnataka Jamdani saris

Which of the pairs given above is/are correct?

(a) 1 only (b) 1 and 2

(c) 3 only (d) 2 and 3

Q55. In which of the following areas can GPS technology be used?

1. Mobile phone operations

2. Banking operations

3. Controlling the power grids

Select the correct answer using the code given below:

(a) 1 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

Q56. Consider the following statements:

1. The Reserve Bank of India manages and services Government of India Securities but not any State Government Securities.

2. Treasury bills are issued by the Government of India and there are no treasury bills issued by the State Governments.

3. Treasury bills offer are issued at a discount from the par value.

Which of the statements given above is/are correct?

(a) 1 and 2 only (b) 3 only

(c) 2 and 3 only (d) 1, 2 and 3

Q57. Consider the following statements:

1. The Earth's magnetic field has reversed every few hundred thousand years.

2. When the Earth was created more than 4000 million years ago, there was 54% oxygen and no carbon dioxide.

3. When living organisms

<p>originated, they modified the early atmosphere of the Earth.</p>	<p>with full global coverage by the middle of 2019.</p>	<p>mirror in your bathroom shows the day's weather and also indicates the level of water in your overhead tank. After you take some groceries from your refrigerator for making breakfast, it recognises the shortage of stock in it and places an order for the supply of fresh grocery items. When you step out of your house and lock the door, all lights, fans, geysers and AC machines get switched off automatically. On your way to office, your car warns you about traffic congestion ahead and suggests an alternative route, and if you are late for a meeting, it sends a message to your office accordingly.</p>	<p>Deen Dayal Upadhyay and M.N. Roy</p>	<p>the Ministry of Labour and Employment.</p>
<p>Which of the statements given above is/are correct?</p>	<p>(a) 1 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3</p>	<p>Q62. Consider the following phenomena:</p>	<p>(c) C.P. Ramaswamy Iyer, K. Kamaraj and Veerasingam Pantulu</p>	<p>2. It, among other things, will also impart training in soft skills, entrepreneurship, financial and digital literacy.</p>
<p>Q58. The terms 'WannaCry, Petya and EternalBlue' sometimes mentioned in the news recently are related to</p>	<p>(a) Exoplanets (b) Cryptocurrency (c) Cyber attacks (d) Mini satellites</p>	<p>1. Light is affected by gravity. 2. The Universe is constantly expanding. 3. Matter warps its surrounding space-time.</p>	<p>Which of the statements given above is/are correct?</p>	<p>(d) Ashok Mehta, T.S. Ramanujam and G.G. Mehta</p> <p>Q71. With reference to the religious practices in India, the "Sthanakvasi" sect belongs to</p>
<p>Q59. With reference to the circumstances in Indian agriculture, the concept of "Conservation Agriculture" assumes significance. Which of the following fall under the Conservation Agriculture?</p>	<p>1. Avoiding the monoculture practices 2. Adopting minimum tillage 3. Avoiding the cultivation of plantation crops 4. Using crop residues to cover soil surface 5. Adopting spatial and temporal crop sequencing/crop rotations</p>	<p>Q63. With reference to the Genetically Modified mustard (GM mustard) developed in India, consider the following statements:</p>	<p>(a) Buddhism (b) Jainism (c) Vaishnavism (d) Shaivism</p>	<p>3. It aims to align the competencies of the unregulated workforce of the country to the National Skill Qualification Framework.</p> <p>Which of the statements given above is/are correct?</p>
<p>Select the correct answer using the code given below:</p>	<p>(a) 1, 3 and 4 (b) 2, 3, 4 and 5 (c) 2, 4 and 5 (d) 1, 2, 3 and 5</p>	<p>1. GM mustard has the genes of a soil bacterium that give the plant the property of pest-resistance to a wide variety of pests. 2. GM mustard has the genes that allow the plant cross-pollination and hybridization. 3. GM mustard has been developed jointly by the IARI and Punjab Agricultural University.</p>	<p>Which of the statements given above is/are correct?</p>	<p>(a) 1 and 3 only (b) 2 only (c) 2 and 3 only (d) 1, 2 and 3</p> <p>Q64. Consider the following pairs</p>
<p>Q60. The term "sixth mass extinction/sixth extinction" is often mentioned in the news in the context of the discussion of</p>	<p>Terms seen in news</p>	<p>Context/Topic</p>	<p>Q67. With reference to solar power production in India, consider the following statements:</p>	<p>Q72. With reference to the cultural history of India, consider the following statements:</p>
<p>(a) Widespread monoculture practices in agriculture and large-scale commercial farming with indiscriminate use of chemicals in many parts of the world that may result in the loss of good native ecosystems.</p>	<p>1. Belle II - Artificial experiment 2. Blockchain - Digital/technology 3. CRISPR-Cas9 - Particle Physics</p>	<p>Which of the statements given above is/are correct?</p>	<p>1. India is the third largest in the world in the manufacture of silicon wafers used in photovoltaic units. 2. The solar power tariffs are determined by the Solar Energy Corporation of India.</p>	<p>Q73. Which one of the following foreign travellers elaborately discussed about diamonds and diamond mines of India?</p>
<p>(b) Fears of a possible collision of a meteorite with the Earth in the near future in the manner it happened 65 million years ago that caused the mass extinction of many species including those of dinosaurs.</p>	<p>Which of the pairs given above is/are correctly matched?</p>	<p>Which of the statements given above is/are correct?</p>	<p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p>	<p>Q74. With reference to Indian history, who among the following is a future Buddha, yet to come to save the world?</p>
<p>(c) Large scale cultivation of genetically modified crops in many parts of the world and promoting their cultivation in other parts of the world which may cause the disappearance of good native crop plants and the loss of food biodiversity.</p>	<p>Q65. Which of the following statements best describes "carbon fertilization"?</p>	<p>Q68. The staple commodities of export by the English East India Company from Bengal in the middle of the 18th century were</p>	<p>(a) Raw cotton, oil-seeds and opium (b) Sugar, salt, zinc and lead (c) Copper, silver, gold, spices and tea (d) Cotton, silk, saltpetre and opium</p>	<p>Q75. Which one of the following statements does not apply to the system of Subsidiary Alliance introduced by Lord Wellesley?</p>
<p>(d) Mankind's over-exploitation/ misuse of natural resources, fragmentation/ loss of natural habitats, destruction of ecosystems, pollution and global climate change.</p>	<p>(a) Increased plant growth due to increased concentration of carbon dioxide in the atmosphere (b) Increased temperature of Earth due to increased concentration of carbon dioxide in the atmosphere (c) Increased acidity of oceans as a result of increased concentration of carbon dioxide in the atmosphere (d) Adaptation of all living beings on Earth to the climate change brought about by the increased concentration of carbon dioxide in the atmosphere</p>	<p>Q69. Which one of the following is a very significant aspect of the Champaran Satyagraha?</p>	<p>(a) Active all-India participation of lawyers, students and women in the National Movement (b) Active involvement of Dalit and Tribal communities of India in the National Movement (c) Joining of peasant unrest to India's National Movement (d) Drastic decrease in the cultivation of plantation crops and commercial crops</p>	<p>Q76. Which of the following led to the introduction of English Education in India?</p>
<p>Q61. With reference to the Indian Regional Navigation Satellite System (IRNSS), consider the following statements :</p>	<p>1. IRNSS has three satellites in geostationary and four satellites in geosynchronous orbits. 2. IRNSS covers entire India and about 5500 sq. km beyond its borders. 3. India will have its own satellite navigation system</p>	<p>Q70. Who among the following were the founders of the "Hind Mazdoor Sabha" established in 1948?</p>	<p>(a) B. Krishna Pillai, E.M.S. Namboodiripad and K.C. George (b) Jayaprakash Narayan,</p>	<p>3. It aims to align the competencies of the unregulated workforce of the country to the National Skill Qualification Framework.</p> <p>Which of the statements given above is/are correct?</p>

Continued from page 13

(c) The United Nations Framework Convention on Climate Change 2015, Paris
(d) The World Sustainable Development Summit 2016, New Delhi

Q84. "3D printing" has applications in which of the following?

- Preparation of confectionery items
- Manufacture of bionic ears
- Automotive industry
- Reconstructive surgeries
- Data processing technologies

Select the correct answer using the code given below:

(a) 1, 3 and 4 only
(b) 2, 3 and 5 only
(c) 1 and 4 only
(d) 1, 2, 3, 4 and 5

Q85. Consider the following statements

- The Barren Island volcano is an active volcano located in the Indian territory.
- Barren Island lies about 140 km east of Great Nicobar.
- The last time the Barren Island volcano erupted was in 1991 and it has remained inactive since then.

Which of the statements given above is/are correct?

(a) 1 only (b) 2 and 3
(c) 3 only (d) 1 and 3

Q86. Why is a plant called Prosopis juliflora often mentioned in news?

(a) Its extract is widely used in cosmetics.
(b) It tends to reduce the biodiversity in the area in which it grows.
(c) Its extract is used in the synthesis of pesticides.
(d) None of the above

Q87. Consider the following statements:

- Most of the world's coral reefs are in tropical waters.
- More than one-third of the world's coral reefs are located in the territories of Australia, Indonesia and Philippines.
- Coral reefs host far more number of animal phyla than those hosted by tropical rainforests.

Which of the statements given above is/are correct?

(a) 1 and 2 only
(b) 3 only
(c) 1 and 3 only (d) 1, 2 and 3

Q88. "Momentum for Change : Climate Neutral Now" is an initiative launched by

- The Intergovernmental Panel on Climate Change
- The UNEP Secretariat
- The UNFCCC Secretariat
- The World Meteorological Organization

Q89. With reference to educational institutions during colonial rule in India, consider the following pairs:

Institution	Founder
1. Sanskrit College at Benaras	- William Jones
2. Calcutta Madrasa	- Warren Hastings

3. Fort William - Arthur Wellesley
Which of the pairs given above is/are correct ?

- 1 and 2
- 1 and 3
- 2 only
- 3 only

Q90. Consider the following pairs:

Regions some- Country times mentioned in news

1. Catalonia - Spain
2. Crimea - Hungary
3. Mindanao - Philippines
4. Oromia - Nigeria

Which of the pairs given above are correctly matched ?

(a) 1, 2 and 3
(b) 3 and 4 only
(c) 1 and 3 only
(d) 2 and 4 only

Q91. Consider the following events:

1. The first democratically elected communist party government formed in a State in India.
2. India's then largest bank, 'Imperial Bank of India', was renamed 'State Bank of India'.

3. Air India was nationalised and became the national carrier.
4. Goa became a part of independent India.

Which of the following is the correct chronological sequence of the above events?

(a) 4 - 1 - 2 - 3
(b) 3 - 2 - 1 - 4
(c) 4 - 2 - 1 - 3
(d) 3 - 1 - 2 - 4

Q92. Right to Privacy is protected as an intrinsic

part of Right to Life and Personal Liberty. Which of the following in the Constitution of India correctly and appropriately imply the above statement?

(a) Article 14 and the provisions under the 42nd Amendment to the Constitution

(b) Article 17 and the Directive Principles of State Policy in Part IV

(c) Article 21 and the freedoms guaranteed in Part III

(d) Article 24 and the provisions under the 44th Amendment to the Constitution

Q93. Consider the following:

1. Areca nut 2. Barley
3. Coffee 4. Finger millet
5. Groundnut 6. Sesame
7. Turmeric

The Cabinet Committee on Economic Affairs has announced the Minimum Support Price for which of the above?

(a) 1, 2, 3 and 7 only
(b) 2, 4, 5 and 6 only
(c) 1, 3, 4, 5 and 6 only
(d) 1, 2, 3, 4, 5, 6 and 7

Q94. In which one of the following States is Pakhui Wildlife Sanctuary located?

(a) Arunachal Pradesh
(b) Manipur
(c) Meghalaya
(d) Nagaland

Q95. With reference to India's satellite launch vehicles, consider the following statements:

1. PSLVs launch the satellites useful for Earth resources monitoring whereas GSLVs are designed mainly to launch communication satellites.
2. Satellites launched by PSLV appear to remain permanently fixed in the same position in the sky, as viewed from a particular location on Earth.

3. GSLV Mk III is a four-staged launch vehicle with the first and third stages using solid rocket motors; and the second and fourth stages using liquid rocket engines.

Which of the statements given above is/are correct?

(a) 1 only (b) 2 and 3
(c) 1 and 2 (d) 3 only

Q96. With reference to the governance of public sector banking in India, consider the following statements:

1. Capital infusion into public sector banks by the Government of India has steadily increased in the last decade.
2. To put the public sector banks in order, the merger of associate banks with the

parent State Bank of India has been affected.

Which of the statements given above is/are correct?

(a) 1 only (b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Q97. Consider the following items

1. Cereal grains hulled
2. Chicken eggs cooked
3. Fish processed and canned
4. Newspapers containing advertising material

Which of the above items is/are exempted under GST (Goods and Services Tax) ?

(a) 1 only

(b) 2 and 3 only

(c) 1, 2 and 4 only

(d) 1, 2, 3 and 4

Q98. Consider the following statements :

1. The definition of "Critical Wildlife Habitat" is incorporated in the Forest Rights Act, 2006.
2. For the first time in India, Baigas have been given Habitat Rights.

3. Union Ministry of Environment, Forest and Climate Change officially decides and declares Habitat Rights for Primitive and Vulnerable Tribal Groups in any part of India.

Which of the statements given above is/are correct ?

(a) 1 and 2 only
(b) 2 and 3 only
(c) 3 only (d) 1, 2 and 3

Q99. Consider the following

1. Birds
2. Dust blowing
3. Rain
4. Wind blowing

Which of the above spread plant diseases ?

(a) 1 and 3 only

(b) 3 and 4 only

(c) 1, 2 and 4 only

(d) 1, 2, 3 and 4

Q100. With reference to organic farming in India, consider the following statements :

1. 'The National Programme for Organic Production' (NPOP) is operated under the guidelines and directions of the Union Ministry of Rural Development.
2. 'The Agricultural and Processed Food Products Export Development Authority' (APEDA) functions as the Secretariat for the implementation of NPOP.

3. Sikkim has become India's first fully organic State.

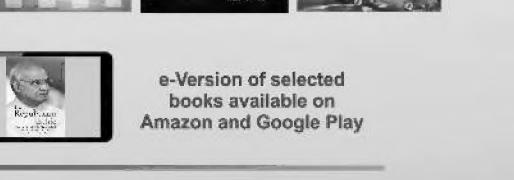
Which of the statements given above is/are correct ?

(a) 1 and 2 only

(b) 2 and 3 only

(c) 3 only (d) 1, 2 and 3

(Answer Key shall be published in the Next Issue)



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63 D	67 A	71 C	76 A
64 D	68 B	72 A	77 D
65 C	69 D	73 D	78 D
66 A	70 B	74 C	79 B

Continued from page 1

EMERGING OPPORTUNITIES IN BIG DATA ANALYTICS

Descriptive Analytics: Descriptive Analytics is the simplest form of data analytics. It looks for particular numbers based on the transactions of any nature. Take the example of a big departmental store selling variety of things. Customers coming to the store may be buying one, two or more items. For each customer one bill is generated containing the name and quantity/weight of the item. By making use of descriptive analytics, the store can find out what and how much of each item has been sold in a day. Weekly, monthly and yearly figures can also be derived. If the store is one unit of a chain, figures for all the units can be combined to get data for the entire chain. Such data is useful in making comparisons and for managing the supply chain. In a way Descriptive Analytics is the base for predictive and Prescriptive Analytics.

Prescriptive Analytics: By looking at prescriptive analytics we can see how far big data analytics has come. Prescriptive Analytics is relatively new and is used to analyze the available data to predict for the future. Most importantly it provides insights as to what steps should be taken based on the data already available and what can be the possible outcomes of taking different steps. Airlines industry is not in good shape now due to pandemic. However in normal times prescriptive analytics is extensively used in this industry to optimize their routes for maximum capacity utilization and efficiency, saving big money for them. This optimization is done on the basis of passenger demand, time taken for individual flights, dominant customer segment etc. An automobile manufacturing company making various models may also use prescriptive analytics to decide the number of units optimally to be produced to meet demand, keep the inventory low and maximize profit.

Predictive Analytics: Predictive Analytics works by identifying patterns in recent data and then using statistics and other tools to make inferences which may be revealing for growing sales and cross-selling. The analysts here attempt to fit the data into a certain pattern. If the data

is following that pattern with some certainty, future happenings (sales, consumption, population growth, pass percentage etc.) can be predicted. Predictive Analytics can tell if a customer buys a certain product, what other products she is likely to buy together with that. Finding such relationships between products is called affinity analysis. Such analysis can also tell us which countries a particular segment of tourists are likely to visit when travelling to more than one country or in which months a particular tourist place will have maximum tourists or what is the spending pattern of a particular segment of tourists.

The above ways of analytics are used in different disciplines of business and it is possible to specialize in one or more of them. We are talking of Human Resource (HR) analytics, marketing analytics, financial analytics, digital media analytics etc.

Education: In last few years a number of courses in big data analytics have been introduced at different institutes. In some courses you are taught big data analytics as one of the subjects, in some this is offered as specialization whereas some courses are exclusively devoted to the above. You can also find a course which is offered as a combination of big data analytics and some related subject such as machine learning. Also big data analytics may sometimes be referred to as business analytics, data analytics or simply analytics.

Data analytics is taught both as a technical and managerial subject. So one may find courses like B.Sc., B.E., B.Tech, BBA with data/business analytics. In the same way there are courses like M.Tech (big data analytics) and MBA (business analytics) or with similar nomenclature. **Course coverage:** A data analytics course has topics like-

Introduction to data and big data, data types and characteristics of data, data warehouse, database, data mining, classification of analytics, statistical methods, Structured Query Language (SQL), business intelligence, information extraction, pattern recognition, natural language processing, data architecture,

Hadoop, machine learning, correlation analysis, linear regression, decision tree, time series models, demand management forecasting etc.

Data analytics is highly dependent on Hadoop which is a software framework for storing data and running applications on clusters of hardware. It provides massive storage for any kind of data, enormous processing power and the ability to handle large number of concurrent tasks or jobs. It is an open source programme. Python is another extensively used tool.

Where to study?

Indian Institute of Management, Kolkata; Indian Institute of Technology, Kharagpur and Indian Statistical Institute, Kolkata jointly offer a unique 2 years Postgraduate Diploma in Business Analytics in which each institute will focus on a separate area of Business Analytics and students will be attending the course at all the three institutes one by one.

Indian Institute of Science, Bengaluru conducts- M.Tech. in Computational and Data Science

Indian Statistical Institute offers one year Postgraduate Diploma in Statistical Methods and Analytics (Chennai /Tezpur centre) and Postgraduate Diploma in Statistical Methods and Applications (Tezpur centre)

IIT, Bilal-B.Tech/M.Tech in Data Science and Artificial Intelligence

IIT, Delhi- Integrated M.Tech. in Mathematics and Computing

IIT, Dhanbad- M.Sc. in Mathematics and Computing

IIT, Guwahati/Jammu/ Palakkad, Kerala-M.Tech in Data Science

IIT, Jodhpur-B.Tech (Artificial Intelligence and Data Science), M.Sc. - M.Tech. Dual Degree in Data and Computational Science

Indian School of Business, Hyderabad/Mohali-Advanced Management Programme in Business Analytics

IIM, Ahmedabad-e Post Graduate Diploma in Advanced Business Analytics

IIM, Indore -Integrated Programme in Business Analytics

IIM, Trichy-PG Certificate Programme in Business Analytics and Applications

IIM, Kashipur/Ranchi-MBA (Business Analytics)

Rajiv Gandhi Institute of Petroleum Technology, Amethi, Uttar Pradesh- MBA (Business Analytics)

Centre for Development in Advanced Computing -Post Graduate Diploma in Big Data Analytics

Xavier Labour Relations Institute, Jamshedpur- Post Graduate Certification in Business Analytics

IIM, Bengaluru-Programme in Business Analytics and Intelligence

For working professionals International Institute of Information Technology, Bengaluru has an Executive Postgraduate Programme in Data Science.

The above is an indicative list

For an undergraduate course in data analytics, you need to have completed your 10+2 with science and maths subjects. For a postgraduate technical degree, you need to be an engineering/technology graduate. Admission to MBA may be open to graduates from various disciplines. IITs may have uniform requirements for courses conducted by them, for other institutes admission eligibility norms differ which aspirants should check.

With qualifications like Bachelor/ Master of Computer Applications (BCA/MCA) also, one may plan to inter-

the world of data analytics, with additional training.

There are free online courses dealing with data analytics available on internet. Though these may not lead you to an established job, at least it may give you some idea and an opportunity to check if the subject indeed interests you.

Many private universities and colleges have though introduced courses in data analytics, some of them may not have the required infrastructure/well equipped teaching professionals. So you need to be careful in choosing the institute and judging the course credentials.

Where big data analytics is used?

Big data analytics is of use for every business and organization that wants to derive patterns from data for various purposes. Suppose a big information technology company is facing high rate of attrition. By analyzing the data of the employees (including the inputs obtained during exit interview) who have left, the organization can among others, learn things like- average time spent before leaving, age group of the leaving persons, the most common causes for leaving, gender (male/ female), demographics (rural/urban etc.) based patterns and then may take steps to lower the attrition rate. For instance if rate of attrition is higher for male employees, the organization may decide to hire more females. Another example can be of a bank with branches spread all over the country. By using analytics, the bank may find out which segment of customers is generating highest profits for it (to formulate strategies to gain their loyalty), which product/service has least takers (either to bring improvements or discontinue these altogether) etc. These are basic and simple applications of analytics. Much deeper insights can be found out from big data analytics for transforming or overhauling business strategies.

Who employs big data analytics professionals?

Though big data analytics is of recent origin, it has found wider acceptability and professionals in this area are in much demand. As a practitioner of big data analytics, you may find opportunities in IT companies, telecom companies, hospitality groups (hotels/ travel agencies), airlines, shipping companies, banking, finance and insurance (BFSI), stock exchanges, broking houses, mutual funds, hospital chains, automobile companies, e-commerce operators, logistics companies, industrial houses, universities, fast moving consumer goods companies, entertainment industry (film/TV serial/music production companies) etc.

As more and more educational institutes are launching courses in big data analytics, there are enough opportunities in teaching roles. However to be effective in this role you need to have some practical exposure as just academic knowledge wouldn't suffice.

Skill set required: Big data analytics is one of those specialized areas which requires a person to have specific skills and traits which include ability to see the big picture and dealing with complex data, analytical skills, rational thinking as well as critical thinking.

It is said that analytics can convert data to knowledge to wisdom. If you're interested in this journey to wisdom big data analytics may be meant for you.

(The author is a career counsellor. E-mail: artmumb98@gmail.com)
Views expressed are personal

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Filling up the posts of Assistant Director General Technology Technology Centre Bengaluru on deputation in UIDAI.

Reference is invited to UIDAI vacancy circular dated 09.02.2021 (https://uidai.gov.in/images/career/ADG_Technology_Tech_Centre_Bengaluru_02_2021.pdf) and 24.06.2020 inviting applications for 14 anticipated posts (likely to vary) of Assistant Director General (Technology) in the Pay Matrix level- 13 (pre-revised Pay Band Rs. 1,23,100-2,15,900/-) on deputation (Foreign Service Terms) basis at its Technology Centre Bengaluru.

In this regard, it is hereby informed that last date for submission of applications through proper channel is extended upto 28.05.2021. Those who have applied against circular dated 09.02.2021 through proper channel need not apply afresh. However, new applicants and applicants who have submitted only advance copy of the application may submit their applications complete in all respect through proper channel within the extended date. **Since this vacancy is to be filled up on deputation basis, private candidates are not eligible.**

Assistant Director General (HR)

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News Digest

NATIONAL

■ Govt allows import of 17 critical medical devices to provide relief to COVID patients

Government has expedited the process of import of critical medical devices amid the growing demands due to Covid-19 pandemic situation in the country. In this connection, the Union Government has permitted importers to import 17 medical devices required to provide relief to Covid patients. Relief has been given to import and expedite custom clearances. Under the new provision the mandatory declarations will have to be furnished by the importers after speedy custom clearance. An order issued by the Department of Consumer Affairs will remain in force for three months. The permission has been granted for the import of nebulizers, oxygen concentrators, CPAP and BIPAP devices, Vacuum Pressure Swing Absorption, Pressure Swing Absorption, Oxygen Plants, Cryogenic Oxygen Air Separation Unit.



■ Health Ministry issues revised guidelines for home isolation of mild and asymptomatic COVID-19 patients

The Union Health Ministry has issued revised guidelines for home isolation of mild and asymptomatic COVID-19 cases. As per the guidelines, for home isolation, the patient should be clinically assigned a mild or asymptomatic case by the treating medical officer and such cases should have the requisite facility at their residence for self-isolation and for quarantining the family contacts.

■ Uttarakhand govt suspends Char Dham Yatra due to surge in COVID-19 cases

In Uttarakhand, Chief Minister Teerath Singh Rawat has said that Char Dham Yatra is cancelled due to surge in COVID cases. Talking to the media in Dehradun he said that the web portals of the four shrines will be opened as per the schedule. Teerth Purohit and priests of the shrines will perform rituals as earlier but devotees will not be allowed to perform pooja archana at shrines. Portals of Ganesh, Yamunotri, Kedar Nath and Badri Nath will open next month.

■ Forty countries come forward to provide medical assistance to India says, Ministry of External Affairs

The Ministry of External Affairs has said that 40 countries have come forward to provide assistance to India to fulfil the requirements of several medical equipment and medicines in the country. Briefing the media in New Delhi, Foreign Secretary Harshvardhan Shringla said, consignments carrying medical equipment and medicines have started to arrive in India from various countries. He said, the US has pledged to help the country in its fight against the pandemic.

■ Ministry of Railways deploys nearly 4000 Isolation Coaches with almost 64000 beds

Strengthening the capabilities of the nation in the united fight against COVID, the Ministry of Railways has deployed nearly 4 thousand Isolation Coaches with almost 64 thousand beds. To work concurrently with the States and in a bid to reach out as swiftly as possible, the Railway has drawn a de-centralised plan of action empowering Zones and Divisions to work out their Memorandum of Agreement for cohesive action. These Isolation Coaches can be easily moved and positioned at places of demand on the Indian.

■ Bharat Biotech reduces cost of COVAXIN from Rs. 600 to Rs. 400 for State govts

Bharat Biotech has reduced the cost of COVAXIN vaccine for State governments. It will now cost Rs. 400 per dose for State Governments instead of the earlier announced price of Rs. 600 per dose. Bharat Biotech has said the decision has been taken recognising enormous challenges being faced by the public health care system.

INTERNATIONAL

■ Covaxin found to neutralise 617 variant of Corona virus, says Dr. Fauci

Covaxin, India's home-grown COVID-19 vaccine, has been found to neutralise Double Mutant or 617 variant of the Corona virus. This was stated by White House chief medical adviser and America's top pandemic expert Dr Anthony Fauci. The statement comes days after Indian Council of Medical Research announced that Covaxin is effective against the Double Mutant. Dr Fauci said despite the real difficulty that we are seeing in India, vaccination could be a very, very important antidote against this. Developed by Bharat Biotech in partnership with National Institute of Virology and Indian Council of Medical Research, Covaxin was approved for emergency use on January 3. Trial results later showed the vaccine has an efficacy of 78 per cent.

■ 19th India-France naval exercise 'VARUNA-2021' concluded

The 19th edition of the Indian and French Navy bilateral exercise 'VARUNA-2021' concluded on 27th April 2021. Conducted from 25-27 Apr 2021 in the Arabian Sea, the exercise witnessed high tempo-naval operations at sea, including advanced air defence and anti-submarine exercises, intense fixed and rotary-wing flying operations.

■ US President Joe Biden proposes sweeping new USD 1.8 trillion plan in his speech to joint session of Congress

President Joe Biden proposed a sweeping new USD 1.8 trillion plan in a speech to a joint session of Congress, pleading with Republican lawmakers to work with him on divisive issues and to meet the stiff competition posed by China. President Biden also made an impassioned plea to raise taxes on corporations and rich Americans to help pay for his USD 1.8 trillion 'American Families Plan'. He said, "It's time for corporate America and the wealthiest 1% of Americans to pay their fair share - just pay their fair share."

■ PM holds telephonic conversation with Russian President Vladimir Putin over COVID-19 situation; Also reviews bilateral cooperation

Prime Minister Narendra Modi had a telephonic conversation with Russian President Vladimir Putin on April 28. They discussed the evolving COVID-19 situation. President Putin expressed solidarity with the people and Government of India and conveyed that Russia would extend all possible support in this regard. The two leaders noted the ongoing cooperation between the two countries to fight the global pandemic. Approval for emergency use of Sputnik-V vaccine in India was appreciated by President Putin.

■ WHO unveils global immunization strategy to save 50 million lives by 2030

A UN-led global immunization strategy was unveiled yesterday to reach more than 50 million children who have missed lifesaving jabs against measles and other diseases because of COVID-19 disruption. WHO, along with UNICEF and the vaccine alliance Gavi, said their new global strategy has the potential to save 50 million lives within less than a decade. WHO chief Tedros Adhanom Ghebreyesus said, to avoid multiple outbreaks of life-threatening diseases like measles, yellow fever and diphtheria, it must be ensured that routine vaccination services are protected in every country in the world.

■ US FDA & CDC lift pause on use of Johnson and Johnson's single-dose COVID vaccine

Last week, the US Food and Drug Administration (FDA) and the Centers for Disease Control and Prevention (CDC) lifted the pause on the use of Johnson and Johnson's single-dose vaccine, the only single-dose COVID-19 vaccine. The pause came into effect after over six cases of a rare and severe type of blood clot were reported in people who were administered the vaccine. Most of these cases were noted in women between the ages of 18-49 years.

BUSINESS

■ Country's gold demand recovers during January to March period to witness a growth of 37 per cent

The country's gold demand recovered during the January to March period to witness a growth of 37 per cent, at 140 tonnes compared to the same quarter of 2020, due to ease of COVID-related restrictions, pent up demand and softening of its prices, according to the World Gold Council (WGC). Gold demand in value terms jumped 57 per cent, year-on-year, during the first quarter of this calendar year to Rs 58,800 crore.

SPORTS

■ Athletes to be tested daily for COVID-19 at Tokyo 2020 Olympics

Organisers of the Tokyo 2020 Olympics have rolled out stricter coronavirus counter measures, including a plan to test athletes daily. With just three months to go until the postponed Games, Japan has been encumbered by a slow-moving vaccination drive that has raised concerns about the viability of the Games.

■ World Youth Boxing C'ships: Indian women boxers create history with seven gold medals

In the World Youth Boxing championships, Indian women boxers put up sensational performances as they created history with seven gold medals in Kielce, Poland. All the women finalists Gitika, Naorem Babuojisana Chanu, Poonam, Vinka, Arundhati Choudhary, T Sanamacha Chanu and Alfiya Pathan registered their wins and finished on the top of the podium.

(Images: Courtesy Google)